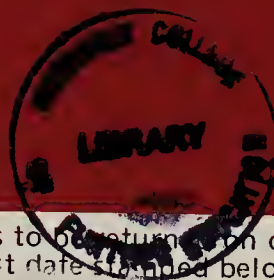


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REPORT OF THE MEDICAL OFFICER OF HEALTH

for 1980

Lukis House,
Grange,
Guernsey.

30th October, 1981

Sir,

I have the honour to present to you the Annual
Report on the health of the Bailiwick of Guernsey for
the year 1980.

I have the honour to be, Sir,
Your obedient servant,

C.G. White,
Medical Officer of Health.

The President,
Board of Health,
Guernsey.

WITHDRAWN FROM
STOCK

MEMBERS OF THE BOARD OF HEALTH

Conseiller J.R.R. Henry, President

Deputy F. Le Poidevin, Vice President

Deputy L.S. Ogier

Deputy B.B. Lovell

Deputy Mrs. B.E. Nicolle

Deputy D.P. Le Cheminant

G.L. Le Page Esq.,

Dr. C.J. Toynton

Dr. J. Erskine

Board of Health:

Chief Executive Officer and Hospital Administrator - V.E. Luff, M.B.E.

Principal Nursing Officer - Miss M.E. Vincent, S.R.N.

Medical Officer of Health - Dr. C.G. White, M.B.E.

<u>Public Health Department</u>	<u>Members of Staff</u>	<u>Date of commencement of service with Department</u>
White, Dr. C.G.	MBE, MA, BM, 8Ch, DPH, DIH Medical Officer of Health	15.11.62
Witherick, Dr. E.H.	M8, BCh, (Wales) Deputy Medical Officer of Health	24.4.69
<u>Health Inspectors</u>		
Bairds, Mr. J.M.	FRSH, MEHA Chief Public Health Inspector	14.3.66
Wiltshire, Mr. S.W.B.	MEHA Public Health Inspector	1.2.71
Horton, Mr. S.	MEHA Public Health Inspector	1.7.79
Cook, Mr. J.L.	MEHA Public Health Inspector	1.8.79
Rowe, Mr. T.P.	MEHA Public Health Inspector	1.10.79
Robinson, Mr. J.	Student Public Health Inspector	2.1.80-1.9.80
<u>Health Visitors</u>		
Le Tocq, Mrs. I.A.R.	RSCN, RGN, SCM, HV Cert.	18.2.63
Simon, Mrs. J.	SRN, SCM, HV Cert.	7.2.66
Renier, Miss H.M.	SRN, SCM, HV Cert.	1.4.70
Green, Mrs. M.	SRN, SCM, HV Cert.	13.11.72
Matthews, Miss A.D.	SRN, HV Cert.	1.1.75
Goss, Mrs. A.	SRN, HV Cert.	1.1.78
Erskine, Mrs. J.	SRN, SCM, HV Cert.	14.7.80
<u>School Nurses</u>		
Smith, Mrs. S.	SRN	14.2.72
Roland, Mrs. J.	SRN, SCM	1.3.72
<u>Community Nursing Team</u>		
Aeschimann, Miss D.	BA Hons., SRN, SCM Nurse Co-ordinator	13.1.75

Domiciliary Nursing Sisters

Baker, Miss P.	SRN, SCM	1.1.75-22.1.80
de Jersey, Miss A.P.	RSCN, SRN, SCM	1.1.75
Le Conte, Mrs. M.	SRN, SCM	18.8.75
Mew, Mrs. P.	SRN	28.6.76
Le Gallez, Mrs. C.	SRN, SCM	1.1.78
de Garis, Mrs. S.E.	SRN, SCM	1.3.79
Jehan, Miss M.E.	SRN, SCM, MTD	1.3.79
Le Page, Mrs. S.J.	SRN, SCM	29.10.79
Barrett, Mrs. K.	SRN, SCM	1.12.79
Hervé, Mr. P.J.	SEN	1.10.79

Chief Clerk

Goodenough, Mrs. M.A.	1.5.77
-----------------------	--------

Rodent Control

Angell, Mr. J.	3.5.70
Attwater, Mr. R.A.	17.12.73

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INTRODUCTION

The following paragraphs are included for those who may read this report without any background information about the area it concerns.

The administrative area is the Bailiwick of Guernsey, which comprises the islands of Guernsey, Alderney, Sark, Herm and Jethou. Guernsey is the largest of these and the most westerly of all the Channel Islands: Alderney is the most northerly and but nine miles from the coast of France. Sark, Herm and Jethou lie between Guernsey and that section of the coast of France which contains the Bay of Avranches. Alderney and Sark each have their own Parliament, the States of Alderney and the Sark Chief Pleas. This is an over-simplification which must suffice for present purposes, but the student will not lack for much more detailed information elsewhere.

The Public Health Department functions within the Board of Health. The Board is a standing committee of the States of Guernsey, deriving its powers from Guernsey legislation and responsible to the States. This independence from the central government of the United Kingdom is what the stranger to the Channel Islands finds most difficult to understand. Nevertheless it is so and some 900 years of self-government since William, Duke of Normandy, gained the English Crown are sufficient proof of this.

Meteorological Data

Sunshine hours:

Guernsey - Airport	: 1719.0	Average 1955-79 : 1827.5
- L'Ancrese	: 1784.4	

Sunless days:

Guernsey	: 61	Average 1955-79 : 61.1
----------	------	------------------------

Rainfall	: 912.6 mms. (35.9 ins.)	Average 1947-79 : 855.7 mms. (33.7 ins.)
----------	--------------------------	--

Rain days	: 179	Average 1947-79 : 176.0
-----------	-------	-------------------------

Temperature:

Mean maximum	: 12.7°C (54.9°F)	Average 1947-79 : 13.2°C (55.8°F)
Mean minimum	: 8.3°C (46.9°F)	Average 1947-79 : 8.4°C (47.1°F)
Daily range	: 4.4°C (7.9°F)	Average 1947-79 : 4.7°C (8.5°F)

Fog (days)	95	Average 1947-79 : 78.3
Gales (days)	19	Average 1947-79 : 9.3

Weather

The year's weather was the dullest and wettest for six years. Although January was cold, February was unusually mild; March proved to be among the dullest of this century, distinguished further by a record number of gales. April and May were dry and sunny but, despite this promising introduction, 1980's summer was cool, dull and extremely wet. August provided some long, sunny spells at last, but the second half of September was dull again, leading to an extremely wet and windy October. November provided the earliest snowfall ever recorded in Guernsey (on the 5th) and was followed by a windy, though dry and sunny December. For the fourth year in succession our summer weather was duller and cooler than average and 1980's was the wettest of the four.*

* With grateful acknowledgement to Mr. M.J. Lillington F.R.Met.S. Senior Meteorological Observer, Guernsey Airport from whose Weather Report 1980 these data and comments have been extracted.

TABLE 1.1

VITAL STATISTICS

GUERNSEY ONLY - 1980 & 1979 - SUMMARY	1980	1979
Estimated mid-year resident population	53,390	54,570
Population density per acre (area 16,063 acres)	3.32	3.4
Population density per hectare (area 6,500 hectares) ..	8.21	8.40
Live births	622	646
Live birth rate, per 1,000 population	11.65	11.84
Illegitimate live births	61	66
Illegitimate live birth rate, per 1,000 live births	98.07	102.17
Stillbirths	5	3
Stillbirth rate, per 1,000 total births live and still	7.97	4.62
Marriages	392	388
Marriage rate, per 1,000 population	7.34	7.11
Deaths among resident population	571	601
Death rate, per 1,000 population	10.70	11.01
Corrected death rate, comparability factor = 0.91	9.73	10.02
Infant deaths - in first year of life	8	8
Infant mortality rate - per 1,000 live births	12.86	12.38
Neonatal deaths - in first four weeks of life	5	5
Neonatal mortality rate - per 1,000 live births	8.04	7.74
Early neonatal deaths - in first week of life	4	5
Early neonatal mortality rate - per 1,000 live births .	6.43	7.74
Perinatal deaths - stillbirths and early neonatal deaths	9	8
Perinatal mortality rate - per 1,000 total births, live and still	14.35	12.33
Maternal deaths	0	0
Deaths from cancer (all forms)	147	129
Cancer mortality rate - per 1,000 population	2.75	2.36
Cancer of trachea, bronchus and lung (I.C.D.162)	30	37
Lung cancer mortality rate, per million population	562	678
Lung cancer deaths per cent deaths from all cancer	20.41	28.68
Deaths from tuberculosis, all forms	0	0

TABLE 1.2 SELECTED VITAL STATISTICS COMPARED - 1980 : 1975/1979 - GUERNSEY ONLY

	1980 No.	1980 Rate	1979 Rate	1975-79 Mean and Range of Rate			1979 England & Wales
				Mean	Highest	Lowest	
Estimated resident population mid 1980 = 53,390							
Live births.#	622	11.65	11.84	11.30	11.84	10.71	13.0
Stillbirths.*	5	7.97	4.62	9.53	16.37	4.62	8.0
Total births, live and still.#	627	11.74	11.89	11.40	11.89	10.83	13.1
Illegitimate live births.#	61	1.14	1.21	1.19	1.32	0.98	1.4
Illegitimate live births per 100 live births.	-	9.81	10.22	10.56	11.40	9.11	10.9
Marriages.#	392	7.34	7.11	7.03	8.01	5.89	7.5
Deaths (Resident Population).#	571	10.70	11.01	11.21	11.94	10.44	12.1
Corrected mortality rate.#	-	9.73	10.02	10.20	10.87	9.50	-
Deaths from cancer, all forms.#	147	2.75	2.36	2.59	2.91	2.36	-
Deaths from lung cancer (I.C.D. No.162).##	30	562	678	633.2	737	522	706
Lung cancer deaths per 100 cancer deaths.	-	20.41	28.68	24.53	28.68	20.14	-
Deaths from tuberculosis, all forms.#	0	0.00	0.00	0.02	0.05	0.00	-
Infant deaths.**	8	12.86	12.38	13.11	15.46	8.52	12.8
Neonatal deaths.**	6	9.65	7.74	8.25	13.12	1.70	8.2
Early neonatal deaths.**	4	6.43	7.74	7.80	12.84	1.70	6.8
Perinatal deaths.*	9	14.35	12.33	17.15	25.81	6.78	14.7
Maternal deaths.*	0	0.00	0.00	0.00	0.00	0.00	-

Rate per 1,000 population. * Rate per 1,000 total births. ## Rate per million population. ** Rate per 1,000 live births.

ANNUAL HEALTH REPORT - 1980

This report, the eighty second of the series, has been delayed by my decision to await the announcement of the provisional population figures determined by the 1981 Census. Experience of the previous pre-Census years made it seem wisest to wait. In 1970 the error was of the order of plus seven per cent after ten years as revealed by the 1971 Census. In 1975 the estimate was very close to the population indicated by the 1976 Census, less than one per cent after five years.

As explained a few pages further on in the report, the estimate for 1981, based on intercensal information since 1976, would have been 55,636 - or more than plus four per cent of the provisional figures so far announced of 53,303. So the wait has been worthwhile. Instead of the increase which was to have been expected in the light of population growth during the past twenty five or thirty years, the population of Guernsey has diminished - by only 0.6 per cent (334 persons) it is true, but it is the fact of the decline which is the new and important feature.

Although there were fewer births in 1980 than in 1979, there was a positive natural increase for the third year running and it is the largest of those three years - 51 more births than resident deaths (15 in 1978 : 45 in 1979). This is a welcome trend if trend it proves to be.

The marriage rate has also picked up from the doldrums of 1977, when there were twenty fewer marriages than in 1980.

So the decline in population takes place against a background of improving marriage rates and natural increases during the past three years. Many possible causes need to be examined to explain this reduction, a combination of several contributory factors being the most likely. Among these local housing regulations and worldwide recession probably represent the poles within which an answer is to be found.

With the advantage of knowing the earliest results of the 1981 Census, an arbitrary mid-year population of 53,390 has been chosen for 1980. This is the denominator in use for those statistics expressed as "per 1,000 population" which are to be found in the tables which follow.

Of the 622 live births in 1980 a higher proportion of boys than girls was born than the average for the past five years.

Ratio of male births to female births

1975 to 1979	-	1,578	:	1,471	=	1.07	:	1.0
1980	-	339	:	283	=	1.20	:	1.0

Stillbirths (5) were below the five-year average (5.8), while deaths in the first year of life (8) exactly equalled the average of the years 1975-79. The infant death rate (12.9) was slightly lower (13.1) and the perinatal death rate (14.4) was considerably lower (17.1) than their respective five-year averages. There were no maternal deaths for the sixth year running.

There was an epidemic of measles (morbilli) which began in the summer months and had still not reached its peak by the year's end. This can be observed at Table 2.3 and 2.4. Vaccination against measles is only selectively practised in Guernsey and so there is no change in the pattern of biennial epidemics.

The figure of total resident deaths (571) is the second lowest in thirteen years (546 in 1967 and 567 in 1978). The pattern of mortality is little changed by comparison with recent years. Total cancer deaths (147) are slightly above the average (139.8) but male lung cancer deaths are much lower (19 - five year mean 28) although female lung cancer deaths have risen (11 - mean 6.4). This increase in lung cancer deaths among women can be observed in data from England and Wales, where male rates are tending to fall slightly.

Further details on these and other data can be found in the pages which follow.

POPULATION - GUERNSEY - 1980

The estimate of the mid 1980 population is now made in the light of the provisional figures of the 1981 Census enumeration. Based on the 1976 Census, the 1980 mid-year population would have been 55,636 persons, made up in the following way:-

Resident population, 1976 Census	53,637
Live births 26 April 1976 to 30 June 1980	2,550
Deaths occurring 26 April 1976 to 30 June 1980	2,483
∴ Natural increase	+ 67
	<hr/> 53,704 <hr/>
Estimated immigration based on the experience between the 1971 and 1976 Censuses	+ 1,932
	<hr/> 55,636 <hr/> <hr/>

However, it is now known (September 1981) that the provisional Census enumeration on April 5th 1981 was 53,303 persons, showing a fall of 334 residents in the five years since 1976, an average of 67 persons each year.

The mid-year population in 1980 may therefore be estimated as 53,390, in the following way:-

Resident population - 1976 Census	53,637
Plus the natural increase to 30 June 1980	67
	<hr/> 53,704 <hr/>
Less estimated emigration to 30 June 1980	314
	<hr/> 53,390 <hr/>
Estimated mid-year population 1980	= 53,390
of which males	= 25,740
and females	= 27,650

TABLE 1.2.1

CORRECTED POPULATION ESTIMATES 1961 - 1980

GUERNSEY Population by sex for the Past Three Census Years and
Estimated population mid-year 1962 - 1980 inclusive.

This is the re-estimated population based on the information available from the past three censuses taken together. The working has been explained in Guernsey Annual Health Reports for 1978 and 1979, to which reference should be made for detail.

Year	Population	Male	Female	Ratio		
				M	:	F
1961 C	44,012*	21,172	22,840	48.1	:	51.9
1962	44,705	21,505	23,200	"	:	"
1963	43,395	21,835	23,500	"	:	"
1964	46,085	22,165	22,165	"	:	"
1965	46,775	22,500	24,275	"	:	"
1966	47,465	22,830	24,635	"	:	"
1967	48,160	23,165	24,995	"	:	"
1968	48,840	23,490	25,350	"	:	"
1969	49,540	23,830	25,710	"	:	"
1970	50,230	24,160	26,070	"	:	"
1971 C	50,921 +	24,493	26,428	48.1	:	51.9
1972	51,465	24,755	26,710	"	:	"
1973	52,005	25,040	26,965	48.15	:	51.85
1974	52,550	25,330	27,220	48.2	:	51.8
1975	53,095	25,620	27,475	48.25	:	51.75
1976 C	53,637 °	25,909	27,728	48.3	:	51.7
1977	54,270	26,210	28,060	"	:	"
1978	54,320	26,235	28,085	"	:	"
1979	54,570	26,357	28,213	"	:	"
1980	53,390	25,740	27,650	48.2	:	51.8

* Report of Registrar General's 1961 Census (Table 16)

+ Report of States of Guernsey 1971 Census (Table 7) as amended by the Report of States of Guernsey 1976 Census at page 32.

° Report of States of Guernsey 1976 Census (Table 5) and see pp. 31-32 of that report.

NOTE: Guernsey includes Herm and Jethou.

NATURAL INCREASE

The natural increase of population during 1980, the number of live births exceeding the number of deaths, was 51 - a small increase on last year, 45.

Table 1.3 shows how the annual natural increase has fluctuated during the past twenty years. The trend in those years has been downward. The recent upturn can be seen to be very slight and may well prove to be illusory as the beginning of a trend.

TABLE 1.3 NATURAL INCREASE IN POPULATION - GUERNSEY - 1961-1980

YEAR	BIRTHS	DEATHS	NATURAL INCREASE	INCREASE PER 1,000 POPULATION
1961	757	569	188	4.3
62	797	569	228	5.1
63	842	542	300	6.6
63	891	540	351	7.6
65	816	568	248	5.3
66	780	564	216	4.6
67	741	546	195	4.1
68	752	656	96	2.0
69	830	643	187	3.8
1970	794	616	178	3.5
71	766	646	120	2.4
72	790	576	214	4.2
73	652	595	57	1.1
74	679	610	69	1.3
75	611	634	-23	-0.4
76	623	606	17	0.3
77	587	617	-30	-0.6
78	582	567	15	0.3
79	646	601	45	0.8
1980	622	571	51	0.9

It can be deduced from Table 1.3 that the natural increase in population between the 1961 and 1976 Censuses was of the order of 2,573. If this increase is added to the 1971 Censuses population it would produce a population of 46,585 for mid 1976.

However, the 1976 Census population was found to be 53,637 - a difference of +7,052.

Thus one can say that the effect of immigration between those two Censuses was more than two and a half times the effect of the natural increase. One cannot say that there were 7,052 immigrants during this period: there were more, since during those fifteen years some immigrants died here and yet others moved on to settle elsewhere.

The 1981 Census will reveal the effect of immigration on the size of Guernsey's population since 1976. The natural increase from the date of the 1976 Census to the end of 1980 can only account for an increase of less than 100 persons.

POPULATION - SELECTED CENSUS INFORMATION

The Bailiwick populations for each Census from 1821 to 1976 are shown at Table 1.4. Prior to 1971 censuses were conducted by the Registrar General (and his predecessors). In 1971 and 1976 the States conducted its own census, the results becoming available within a matter of weeks from the actual enumeration. In 1976 the islands of Alderney and Sark did not take part in the census enumeration, so that a statement of the population of the Bailiwick cannot be made for that year.

TABLE 1.4

POPULATION - BAILIWICK

Populations of Guernsey, Alderney and Sark at each
Census night 1821 - 1971 and for Guernsey only 1976

(Adapted from the Bailiwick of Guernsey Census 1971 - Table 2

Census Year	Guernsey	Alderney	Sark	Bailiwick
1821	20,339	1,154	488	22,041
1831	24,540	1,045	543	26,128
1841	26,693	1,038	788	28,519
1985	29,806	3,333	580	33,719
1861	29,850	4,932	583	35,365
1871	30,680	2,738	553	33,971
1881	32,631	2,048	578	35,257
1891	35,287	1,857	572	37,716
1901	40,474	2,062	506	43,042
1911	41,861 +	2,561	579	45,001
1921	38,317 +	1,598	614	40,529
1931	40,645	1,521	577	42,743
*1939	43,820	1,442	430	45,692
1951	43,603	1,328	565	45,496
1961	45,066	1,472	561	47,099
1971	51,458	1,686	590	53,734
1976	54,381	-	-	-

Notes:

1. Guernsey includes Herm, Jethou and Lihou.
2. Alderney includes Burhou.
3. Sark includes Brecqhou.
4. + Lihou was inhabited in 1911, 1921 and 1931.
5. * 1939 population estimated.
6. Alderney and Sark did not take part in the 1976 Census.

Fig.1.1
POPULATION (x 1,000)

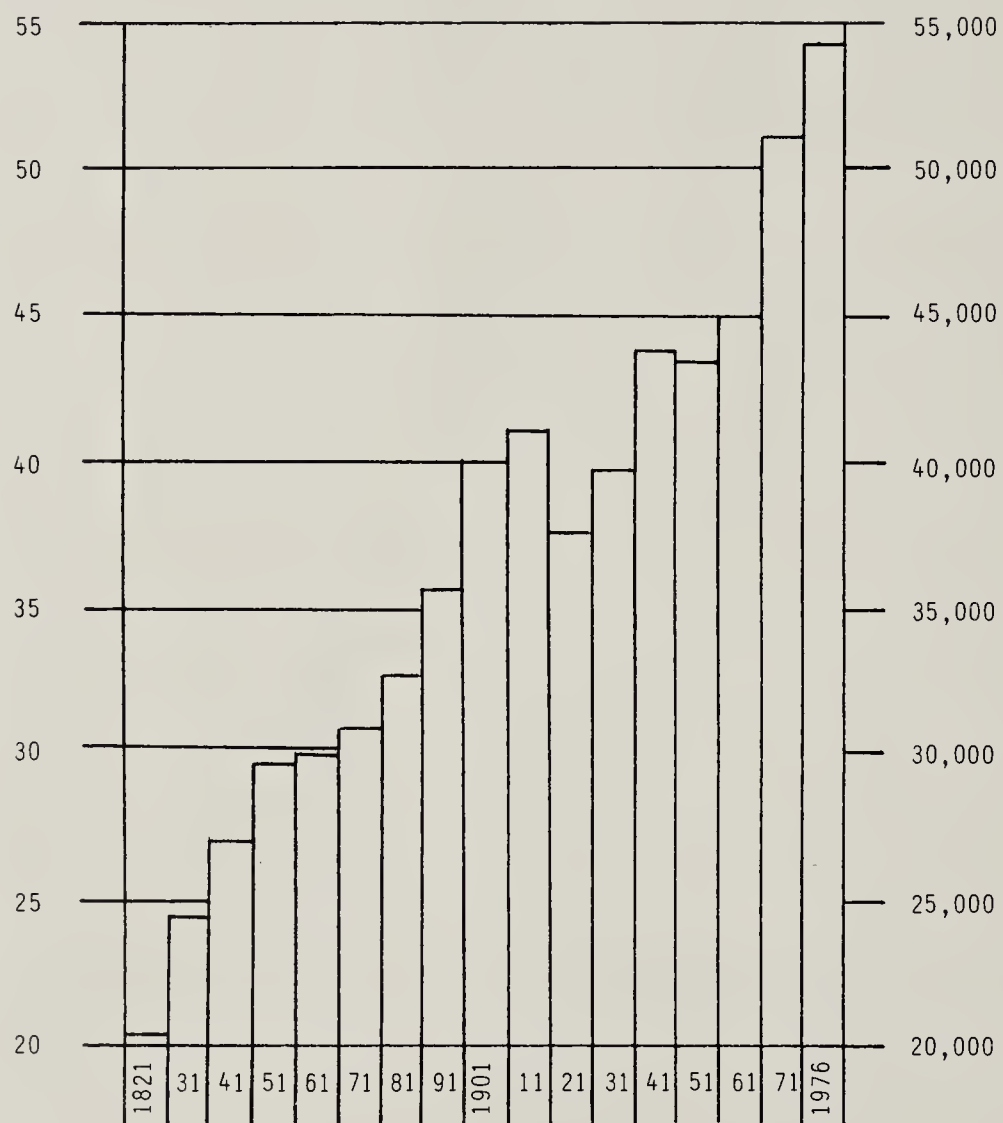


Fig.1.1 CENSUS POPULATIONS 1821 to 1976 - GUERNSEY

POPULATION STRUCTURE

The age structure of the population of Guernsey (excluding Alderney and Sark) is given in broad age-groups at Table 1.4 which is derived from Table 6 of the Report of the 1976 Census.

TABLE 1.4

GUERNSEY - BROAD AGE STRUCTURE OF THE 1976 CENSUS POPULATION

<u>Age grouping</u>	<u>Persons</u>	<u>Proportion</u>
Under 15 years old	11,767	22%
15-29 years old	12,065	22%
30-44 years old	9,592	18%
45-64 years old - males only (6,059)	11,107	20%
45-60 years old - females only (5,049)		
Over pensionable ages:-	9,850	18%
	<hr/>	<hr/>
All ages	54,381	100%
	<hr/>	<hr/>

The structure of the resident population of England in 1979, as given in the Annual Report of the Chief Medical Officer of the Department of Health and Social Security for that year ("On the State of THE PUBLIC HEALTH for the year 1979" H.M.S.O.) is as follows:-

TABLE 1.5

ENGLAND - POPULATION AGE STRUCTURE 1979¥

Under 16 years old	25%	(22%)
17-29 years old	19%	(22%)
30-44 years old	19%	(18%)
45-64/59* years old	20%	(20%)
65/60 and over#	17%	(18%)
	<hr/>	<hr/>
All ages	100%	(100%)
	<hr/>	<hr/>

(In brackets, Guernsey 1976, but note carefully the first two age groups).

¥ from "On the State of THE PUBLIC HEALTH for the year 1979 Table 1.2.

* 45-64 for males
45-59 for females

65+ for males
60+ for females

TABLE 1.6

GUERNSEY

Population, Live Births and Live Birth Rate, Deaths, Crude and Corrected
Death Rates, Infant Deaths and Infant Death Rates 1961 - 1980 inclusive.

Year	+Resident Population	Live Births	Birth Rate*	Deaths	Crude Death Rate*	Corrected Death Rate¥	Infant Deaths	Infant Death Rate#
1961	44,012	757	17.2	569	12.9	11.1	16	21.14
1962	44,705	797	17.8	569	12.7	11.0	15	18.82
1963	45,395	842	18.6	542	11.9	10.3	24	28.50
1964	46,085	891	19.3	540	11.7	10.1	19	21.32
1965	46,775	816	17.5	568	12.1	10.4	16	19.61
1966	47,465	780	16.4	564	11.9	10.2	13	16.67
1967	48,160	741	15.4	546	11.3	9.8	21	28.34
1968	48,840	752	15.4	656	13.4	11.6	16	21.28
1969	49,540	830	16.8	643	13.0	11.2	14	16.87
1970	50,230	794	15.8	616	12.3	10.6	13	16.37
1971	50,921	768	15.1	646	12.7	11.5	10	13.02
1972	51,465	790	15.4	576	11.2	10.2	14	17.72
1973	52,005	653	12.6	595	11.4	10.4	12	18.38
1974	52,550	679	12.9	610	11.6	10.6	9	13.26
1975	53,095	611	11.5	634	11.9	10.9	9	14.73
1976	53,637	623	11.6	606	11.3	10.3	9	14.45
1977	54,270	587	10.8	617	11.4	10.4	5	8.52
1978	54,320	582	10.7	567	10.4	9.5	9	15.46
1979	54,570	646	11.8	601	11.0	10.0	8	12.38
1980	53,390	622	11.7	571	10.7	9.7	8	12.86

+ Estimated mid year population (see Table 1.2.1).

* Rates per 1,000 population.

¥ Comparability factor 0.91 (see comment in Table 1.1) for 1971-1980. It was 0.86 for 1961-1970.

Infant death rate per 1,000 live births.

MARRIAGES

There were 392 marriages in 1980 representing a rate of 7.34 per 1,000 population. This was four more marriages than last year although, as Fig 1.2 shows, the marriage rate remains low.

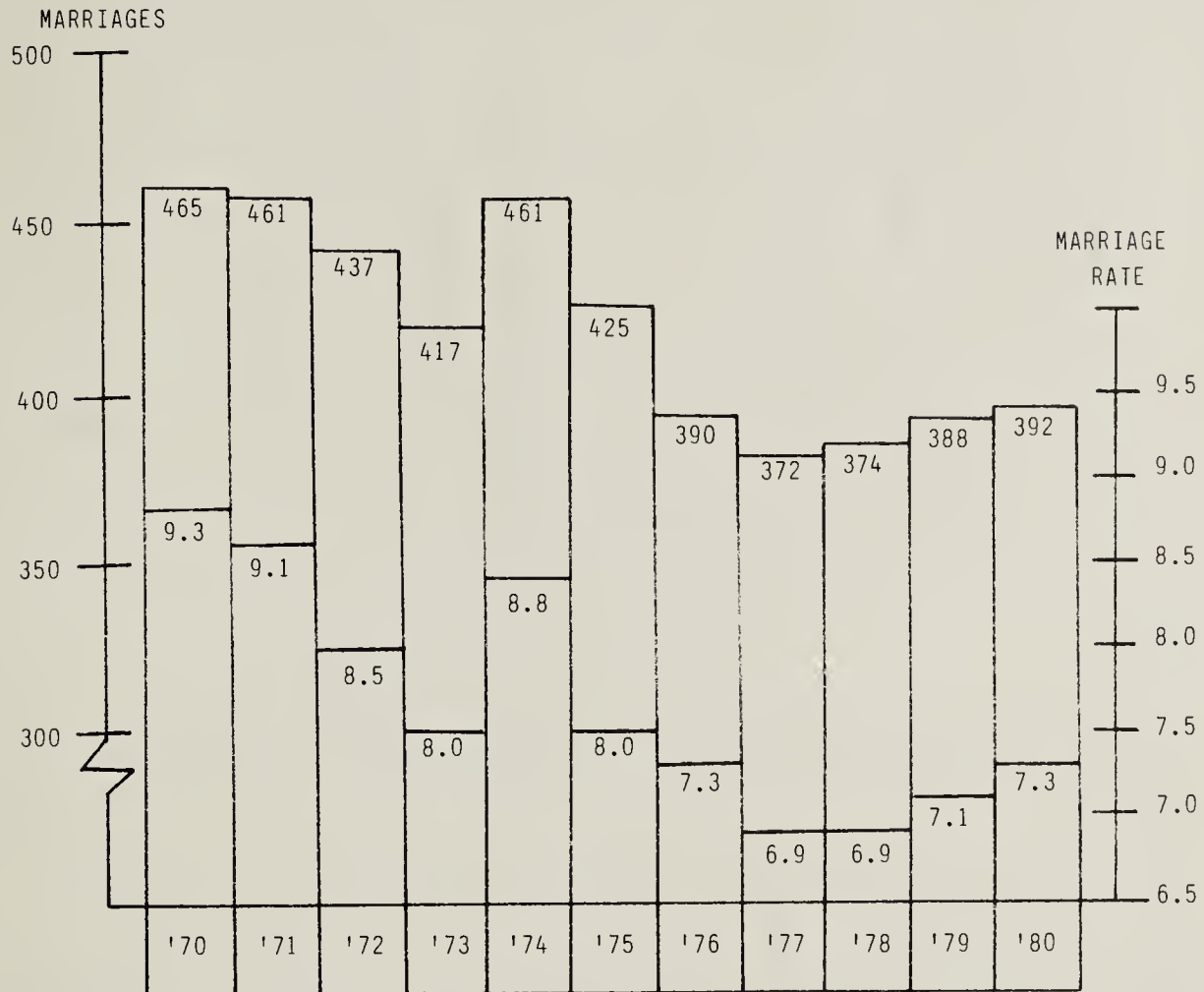


Fig.1.2 MARRIAGES AND MARRIAGE RATES 1970 - 1980

Fig.1.3 shows how marriages occurred through the year. Twenty two per cent took place in April and May, but most took place in August, September and October - 149 or 38%

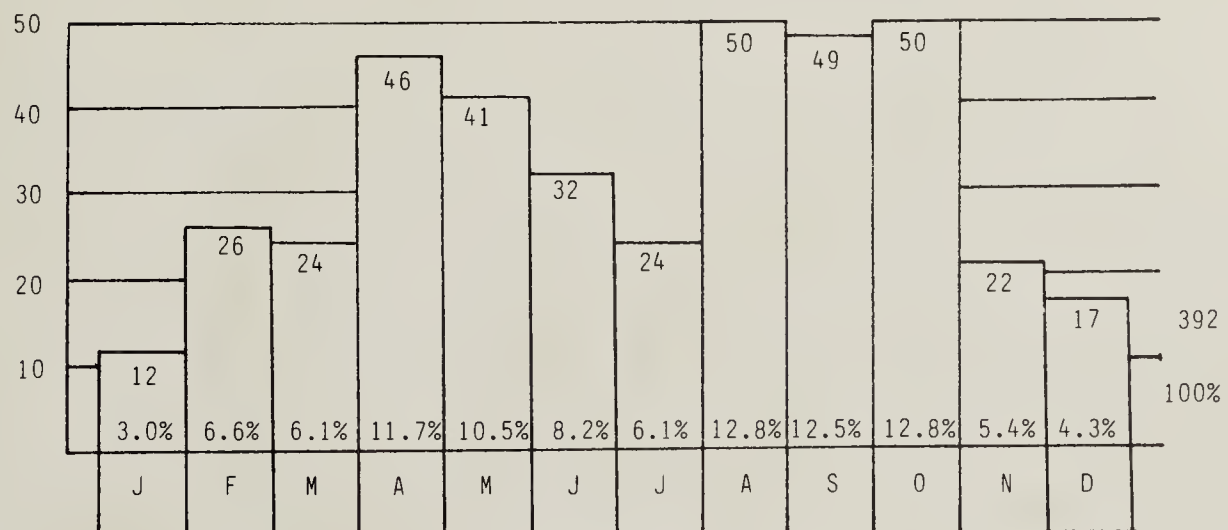


Fig.1.3 MARRIAGES 1980 MONTH by MONTH

There were 106 divorces and one annulment.

TABLE 1.7

MARRIAGES AND MARRIAGE RATES 1960-1980
FIVE YEAR PERIODS AND 1980 COMPARED

5 YEAR PERIOD	MEAN OF 5 YEARS		RANGE IN PERIOD	
	MARRIAGES	RATES	MARRIAGES	RATES
1960-64	345	7.7	329 - 359	7.1 - 8.2
1965-69	409	8.5	362 - 462	7.7 - 9.3
1970-74	448	8.7	417 - 465	8.0 - 9.3
1975-79	390	7.2	372 - 425	6.9 - 8.0
1980	392	7.34	-	-

BIRTHS

There were 622 live births in 1980, twenty four fewer than in 1979. Of these 339 were males and 283 females, or 12 to 10 boys to girls.

The live birth rate for 1980 is therefore 11.65 per 1,000 population - 11.84 in 1979.

61 live births were illegitimate, a rate per 1,000 live births of 98.1 compared with 102.2 the year before. The ten year average is 95.5. 31 of these 61 children were boys and 30 girls.

TABLE 1.8

LIVE BIRTHS 1980 BY AGE OF MOTHER AND SEX OF CHILD

SEX OF CHILD	AGE OF MOTHER (years)						
	15-19	20-24	25-29	30-34	35-39	40-44	15-44
MALE	14	83	126	85	28	3	339
FEMALE	17	64	112	75	13	2	283
TOTAL	31	147	238	160	41	5	622

TABLE 1.9 LIVE BIRTHS CLASSIFIED BY BIRTH WEIGHT 1980

BIRTH WEIGHT		BABIES	BIRTH WEIGHT		BABIES
GRAMMES	LBS. AND OZS.		GRAMMES	LBS. AND OZS.	
2,501 - 3,000	< 6lb 10ozs	135	3,001 - 3,500	< 7lb 11ozs	246
2,001 - 2,500	< 5lb 8ozs	29	3,501 - 4,000	< 8lb 13ozs	162
1,501 - 2,000	< 4lb 7ozs	7	4,001 - 4,500	< 9lb 15ozs	36
1,001 - 1,500	< 3lb 5ozs	1	4,501 - 5,000	< 11lb 0ozs	2
501 - 1,000	< 2lb 4ozs	2	OVER 5,000	> 11lb 0ozs	2
UNDER 501	UNDER 1lb 2ozs	0	WEIGHT NOT STATED		0
< 501 - 3,000	UNDER 6lb 10ozs	174	3,001 to > 5,000	OVER 6lb 10ozs	448

Table 1.9 demonstrates that 381 babies (or 61%) weighed between $5\frac{1}{2}$ pounds and $7\frac{3}{4}$ pounds. 92% of all babies weighed between $4\frac{1}{2}$ and 9lbs.

TABLE 1.11

(GUERNSEY) ILLEGITIMATE BIRTHS BY AGE OF MOTHER 1976 - 1980

<u>Age</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>
16 & Under	2	1	-	3	6
17	7	3	3	2	4
18	10	8	6	3	4
19	7	11	4	5	3
20	7	6	7	9	6
21	3	7	7 1 TWIN	8	5
22	3	3	5	7	5
23	7	4	3 1 TWIN	6	5
24	3	4	1	4 1 TWIN	2
25	3	3	3	5 1 TWIN	3
26	4	4	2	3	3
27	3	2	2	2	-
28	1	-	-	2	2
29	4	-	2	1	2
30	1	1	1	2	3
31	1	2	2	-	3
32	1	1	2	1	1
33	1	-	1	-	1
34	-	1 1 TWIN	-	-	1
35	-	-	-	-	-
36	1	-	-	-	-
37	-	-	-	-	1
38	-	-	-	1	-
39	-	-	-	-	-
40	-	-	-	-	-
41	-	-	-	-	-
42	1 1 TWIN	1	-	-	-
43	-	-	-	-	1
44	-	-	-	-	-
45	-	1	-	-	-
	71	64	53	66	61

N.B. It goes without saying that a twin birth results in two illegitimate births registered for a single pregnancy.

TABLE 1.12

PREGNANCIES RESULTING IN ILLEGITIMATE LIVE BIRTHS

AGE-GROUP	1976	1977	1978	1979	1980
Under 20 years	33	29	20	22	23
21-25	19	21	19**	30**	20
26-30	13	7	7	10	10
31-35	3	4*	5	1	6
36-40	1	0	0	1	1
Over 40 years	1*	2	0	0	1
Total Pregnancies	70	63	51	64	61
Twin* Births	1	1	2	2	0
Illegitimate Children	71	64	53	66	61

TABLE 1.13

LIVE BIRTHS, LIVE BIRTH RATES, ILLEGITIMATE LIVE BIRTHS, ILLEGITIMATE LIVE BIRTH RATES, STILLBIRTHS AND STILLBIRTH RATES

YEAR	LIVE BIRTHS	LIVE BIRTH RATE	ILLEGITIMATE LIVE BIRTHS	ILLEGITIMATE BIRTH RATE	STILLBIRTHS	STILLBIRTH RATE
1960	769	17.6	37	48.1	17	21.6
1965	816	17.5	78	95.6	11	13.3
1970	794	15.8	65	81.9	7	8.7
1975	611	11.5	68	111.3	10	16.1
1980	622	11.7	61	98.1	5	8.0
PERIOD	FIVE YEAR AVERAGES					
1960-64	811	18.1	46	56.4	14	17.5
1965-69	784	16.3	77	98.5	11	14.5
1970-74	736	14.3	62	84.7	9	11.9
1975-79	610	11.3	64	105.5	6	9.4

Table 1.13 shows how births and the birth rate have declined steadily over 21 years. Illegitimate births have remained at much the same annual figure, but because the rate is expressed as a proportion of total live births (and because births are declining) the illegitimate birth rate appears to be increasing. Stillbirths show a downward trend, particularly in the five year averages, with a correspondingly satisfactory fall in the stillbirth rate.

TABLE 1.14

INFANT DEATHS 1980 - CAUSES

Cause of Infant Deaths - Age under one month - 1980

International Classification		M	F
507	Pneumonitis due to solids and liquids	-	1
746	Other congenital anomalies of heart	1	-
759	Other and unspecified congenital anomalies	1	-
768	Intrauterine hypoxia and birth asphyxia	-	1
769	Respiratory distress syndrome	1	-
798	Sudden death, cause unknown	1	-

Cause of Infant Deaths - Age from one month to one year - 1980

742	Other congenital anomalies of nervous system	-	1
756	Other congenital musculoskeletal anomalies	1	-
		<hr/>	<hr/>
		5	3

TABLE 1.15

STATISTICS RELATING TO BIRTHS AND INFANT DEATHS 1960 - 1980

	LIVE BIRTHS	BIRTH RATE	MALE LIVE BIRTHS	FEMALE LIVE BIRTHS	STILLBIRTHS	INFANT DEATHS	INFANT DEATH RATE	NEONATAL DEATHS	NEONATAL DEATH RATE	EARLY NEONATAL DEATHS	EARLY NEONATAL DEATH RATE	PERINATAL DEATH RATE	MATERNAL DEATHS
1960	769	17.56	364	405	17	12	14.30	10	13.00	-	-	-	0
61	757	17.20	388	369	19	16	21.14	13	17.17	-	-	-	0
62	797	17.83	401	396	15	15	18.82	9	11.29	-	-	-	0
63	842	18.55	455	387	13	24	28.50	21	24.94	-	-	-	0
64	891	19.33	453	438	7	19	21.32	14	15.71	11	12.35	20.05	1
65	816	17.45	427	816	11	16	19.61	11	13.48	8	9.80	22.98	0
66	780	16.43	397	383	12	13	16.67	12	15.39	10	12.82	27.78	0
67	741	15.39	362	379	16	24	32.39	16	21.59	16	21.59	42.27	0
68	752	15.40	388	364	10	16	21.28	9	11.97	9	11.97	24.93	0
69	830	16.75	424	406	8	14	16.87	10	12.05	10	12.05	21.48	0
70	794	15.81	393	401	7	13	16.37	10	12.59	10	12.59	21.22	0
71	766	15.04	385	381	12	10	13.06	8	10.44	7	9.14	24.42	0
72	790	15.35	414	376	7	14	17.72	9	11.39	7	8.86	17.57	0
73	652	12.54	351	301	8	11	16.87	8	12.27	8	12.27	24.24	0
74	679	12.92	344	335	10	9	13.26	6	8.84	5	7.36	21.77	1
75	611	11.51	311	300	10	9	14.73	8	13.09	6	9.82	25.76	0
76	623	11.62	326	297	7	9	14.45	8	12.84	8	12.84	23.81	0
77	587	10.82	315	272	3	5	8.52	1	1.70	1	1.70	6.78	0
78	582	10.71	298	284	6	9	15.46	4	6.87	4	6.87	17.01	0
79	646	11.84	328	318	3	8	12.38	5	7.74	5	7.74	12.33	0
1980	622	11.65	339	283	5	8	12.86	5	8.04	4	6.43	14.35	0

TABLE 2.1
ACCIDENTAL POISONING - CHILDREN

	M	F	1980 Monthly Total	Quarterly Total & to date	M	F	1979 Monthly Total	Quarterly Total & to date
January	-	-	-		1	-	1	
February	-	2	2	3/3	-	2	2	3/3
March	-	1	1		-	-	-	
April	3	-	3		-	-	-	
May	-	1	1	5/8	2	2	4	6/9
June	1	-	1		1	1	2	
July	3	3	6		2	-	2	
August	-	1	1	10/18	-	-	-	2/11
September	-	3	3		-	-	-	
October	-	1	1		3	-	3	
November	1	-	1	4/22	1	-	1	5/16
December	1	1	2		1	-	1	
TOTALS	9	13	22		11	5	16	

TABLE 2.2 ACCIDENTAL POISONING - CHILDREN by age, sex, and nature of poison.

POISON	Total all ages	1980 Total		Under 1		1		2		3		4	
		M	F	M	F	M	F	M	F	M	F	M	F
<u>Tablets</u>	9	3	6	-	-	-	4	3	1	-	1	-	-
<u>Liquids</u>													
After Shave Lotion	1	1	-	-	-	1	-	-	-	-	-	-	-
Calpol	1	1	-	-	-	-	-	-	-	-	-	1	-
Comfort	1	-	1	-	-	-	-	-	1	-	-	-	-
Cough Mixture	2	-	2	-	-	-	-	-	-	-	1	-	1
Cleaning Fluid	1	-	1	-	1	-	-	-	-	-	-	-	-
Parafin	1	1	-	-	-	1	-	-	-	-	-	-	-
Phenergan Syrup	1	1	-	-	-	1	-	-	-	-	-	-	-
Turpentine	1	-	1	-	-	-	1	-	-	-	-	-	-
<u>Powder</u>													
Antkiller	1	1	-	1	-	-	-	-	-	-	-	-	-
<u>Berries and Seeds</u>													
Berries (unknown)	1	-	1	-	-	-	1	-	-	-	-	-	-
Cuckou Pint Berries	1	-	1	-	-	-	-	-	-	-	1	-	-
Poppy seeds	1	1	-	-	-	1	-	-	-	-	-	-	-
TOTALS	22	9	13	1	1	4	6	3	2	-	3	1	1

TABLE 2.3

MEASLES OUTBREAK - GUERNSEY 1980

Notifications received, by age

	No.	%
under one year	10	1.7
one year old	73	12.6
2 years old	77	13.3
3 years old	109	18.8
4 years old	117	20.1
5 years old	78	13.4
6 years old	61	10.5
7 years old	20	3.4
8 years old	7	1.2
9 years old	2	0.3
10 years old	1	0.2
11+ years old	11	1.9
no age given	15	2.6
	<hr/> 581	<hr/> 100.00

	Notifications received	%
Before 1st June 1980	22	3.8
Month ending 30.6.80	12	2.1
Month ending 31.7.80	23	4.0
Month ending 31.8.80	9	1.5
Month ending 30.9.80	9	1.5
Month ending 31.10.80	73	12.6
Month ending 30.11.80	181	31.1
Month ending 31.12.80	252	43.4
	<hr/> 581	<hr/> 100.00

TABLE 2.4 INFECTIOUS DISEASE NOTIFICATIONS RECEIVED BY DISEASE AND MONTH OF OCCURRENCE 1980

The following notifiable diseases were reported during the year 1980

Disease 1980	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Dysentery	2	-	-	-	-	-	-	-	-	2	-	-	-
Food Poisoning	38	2	1	-	1	3	-	1	22	7	-	1	-
Measles	581	5	10	6	2	1	3	11	22	9	85	181	246
Meningitis	1	-	-	1	-	-	-	-	-	-	-	-	-
Scarlet Fever	2	1	-	-	-	-	-	-	-	-	-	-	1
Tuberculosis	3	-	-	-	-	-	-	-	1	1	-	-	1
Infective Hepatitis	3	1	1	-	-	-	1	-	-	-	-	-	-
Whooping Cough	17	5	9	-	-	-	-	1	1	1	-	-	-
Totals	647	14	21	7	3	4	4	13	46	20	85	182	248

"

TABLE 2.5 IMMUNISATION PROTECTION 1975 - 19791975

Injections given	Triple vaccine	634	Total 1,549
	Dip/tet vaccine	915	
Vaccine drawn for 1975	Triple vaccine 5ml	102	
	Dip/tet vaccine 5ml	193	

1976

Injections given	Triple vaccine	728	Total 1,581
	Dip/tet vaccine	853	
Vaccine drawn for 1976	Triple vaccine 5ml	119	
	Dip/tet vaccine 5ml	186	

1977

Injections given	Triple vaccine	552	Total 1,357
	Dip/tet vaccine	805	
Vaccine drawn for 1977	Triple vaccine 5ml	104	
	Dip/tet vaccine 5ml	132	

1978

Injections given	Triple vaccine	540	Total 1,156
	Dip/tet vaccine	616	
Vaccine drawn for 1978	Triple vaccine 5ml	107	
	Dip/tet vaccine 5ml	174	

1979

Injections given	Triple vaccine	964	Total 1,694
	Dip/tet vaccine	730	
Vaccine drawn for 1979	Triple vaccine 5ml	145	
	Dip/tet vaccine 5ml	147	

Triple vaccine protects against diphtheria, tetanus and whooping cough.
Dip/tet - as its name suggests, protects against diphtheria and tetanus only.

TABLE 2.6 IMMUNISATIONS GIVEN AT LUKIS HOUSE
(excluding B.C.G. and rubella)

	<u>1980</u>	<u>1979</u>
Influenza	385	477
Poliomyelitis	40	80
Smallpox	20	58
Typhoid	11	13
Cholera	9	17
Rabies	-	4
Yellow Fever	-	2
	<u>465</u>	<u>651</u>

TABLE 3.1

1980 RESIDENT DEATHS by month of occurrence and age-groupMEN

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTALS
Under													
1	1	2					1	1					5
1													
2													
3													
4													
5-9													
10-14										1			1
15-19										1			1
20-24								1					1
25-29								1					1
30-34								1	1				2
35-39				1									1
40-44					1						1		2
45-49					1			2		1	2	1	7
50-54		1		1	1	1	1			1	1	1	8
55-59	2	1		1	4	1	2		2	2	3	2	20
60-64	1	1	2	1	3		2	1	4	3	1	1	20
65-69	4	4	3	2	4	3	3	2	1	4		2	32
70-74	7	5	4	2	4	5	5	5	3	4	6	3	53
75-79	8	5	7	4	1	2	5	3	3	1	2	2	43
80-84	4	3	5	2	4	3	3	3	2		4	6	39
85-89	2	3	6	7	2	2	1	1	1	3			28
90-94			2	1	1	1	1	1		1	1	1	10
95+													
TOTALS	29	25	29	22	26	18	24	22	17	22	21	19	274

TABLE 3.2

1980 RESIDENT DEATHS by month of occurrence and age-groupWOMEN

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTALS
Under													
1						1				1		1	3
1													
2													
3													
4													
5-9													
10-14	1												1
15-19													
20-24													
25-29													
30-34			1	1					1				3
35-39					1		1						2
40-44	1			2		1	1				1		6
45-49	1		1				1						3
50-54		1				1						2	4
55-59		1	1	1		2		3			1	1	10
60-64		2	1		1	1		1	2	3	2	2	15
65-69	3		1		3	2	2	3	1	2	3	3	23
70-74	2	7	2	3	3	3	3	8	4	1	4	4	44
75-79	3	6	5	3	3	5	3	2	4	6	3	2	45
80-84	6	3	6	4	2	2	4	5	3	5	7	6	53
85-89	1	3	5	1	7	3	4	8	1	8	4	5	50
90-94	1		3	3	4	1	3	1	2	2	2	3	25
95+		2			2					2	1	3	10
TOTALS	19	25	26	18	26	22	22	31	18	30	28	32	297

TABLE 3.3

Group I - Infective and Parasitic Diseases

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
001-139	3	-	3	2	1	3	2	1	-	1	2	1	1	-

TABLE 3.4

Group II - Neoplasms - some cancers 1975-1980

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
150	1	1	4	4	3	6	4	3	2	3	3	3	1	3
151	8	5	10	8	12	4	5	-	3	4	8	4	6	4
152-154	6	10	6	7	8	10	7	14	9	15	7	11	6	13
157	1	2	5	-	4	3	1	1	2	1	3	2	7	3
161	1	1	1	-	3	-	1	-	1	-	1	-	1	-
162	25	7	22	6	34	6	28	6	30	7	28	6	19	11
174	-	15	-	9	-	12	-	10	-	9	-	11	-	13
180-183	-	6	-	11	-	11	-	12	-	10	-	10	-	10
185	13	-	5	-	8	-	6	-	7	-	8	-	7	-
188	1	2	5	-	4	3	1	1	1	2	2	2	5	1
204-207	3	1	3	4	4	1	1	1	2	1	2	2	1	3
+ ALL CANCER DEATHS AT ALL AGES	77	65	70	69	98	60	71	60	65	64	76	64	72	74
	142		139		158		131		129		141		146	

Notes:

(i) The figures at the foot of each column are not totals of the figures above but the total of all cancer deaths at all ages for the given year.

(ii) Description of I.C.D. Codes:

150 Malignant neoplasm of oesophagus
 151 Malignant neoplasm of stomach
 152-154 Malignant neoplasm of intestine (including rectum)
 157 Malignant neoplasm of pancreas
 161 Malignant neoplasm of larynx
 162 Malignant neoplasm of trachea, bronchus and lung
 174 Malignant neoplasm of breast
 180-183 Malignant neoplasm of uterus, cervix and adnexae
 185 Malignant neoplasm of prostate
 204-207 Leukaemia

TABLE 3.5

Group III - Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
250	-	1	-	3	3	3	2	3	2	2	1	2	-	-
244	-	-	-	-	-	-	-	-	-	1	-	2	-	-
240-249	2	1	2	3	3	3	2	3	2	3	2	3	4	2

I.C.D. Codes:

244 Acquired hypothyroidism

250 Diabetes mellitus

240-279 All codes in this group

TABLE 3.6

Group IV - Diseases of Blood and Blood-forming Organs

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
280	-	1	-	-	1	2	1	3	1	2	0.6	2	-	-

I.C.D. Codes:

280-289 Anaemias, various

TABLE 3.7

Group V - Mental Disorders

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
290-315	-	2	-	1	3	3	1	2	2	1	1	2	1	4

TABLE 3.8

Group VI - Diseases of the Nervous System and Sense Organs

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
330-345	1	2	3	1	4	1	2	-	5	5	3	2	3	3

TABLE 3.9

Group VII - Disease of the Circulatory System

Deaths from hypertension, "coronaries" and "strokes" 1975-1980

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
400-404	6	5	8	6	10	15	6	2	6	11	7	8	3	8
410-414	84	47	77	61	65	60	72	68	78	54	75	58	67	56
430-438	43	43	27	56	37	63	26	50	33	39	33	50	24	56
All codes	181	149	141	174	143	174	128	166	156	151	150	163	118	144

I.C.D. Codes:

400-404 Hypertensive heart disease ("Blood pressure")

410-414 Ischaemic heart disease ("Coronaries")

430-438 Cerebrovascular disease ("Strokes")

All I.C.D. codes in Group VII (390-459)

TABLE 3.10

Deaths from hypertension, "coronaries" and "strokes" as proportions of all circulatory system deaths and of all deaths, all causes 1975-1980

I.C.D. Codes 400-404 410-414 and 430-438 together	1975		1976		1977		1978		1979		1980	
	M	F	M	F	M	F	M	F	M	F	M	F
	%		%		%		%		%		%	
AS % ALL DEATHS ALL AGES	38	33	37	40	36	45	38	42	38	35	34	40
AS % ALL GROUP VII DEATHS	73	64	79	71	78	79	81	72	75	69	80	83
ABOVE CODES, BOTH SEXES	%		%		%		%		%		%	
AS % ALL DEATHS ALL AGES	36		39		41		40		37		38	
AS % ALL GROUP VII DEATHS	69		75		79		76		72		82	

TABLE 3.11

Group VIII - Diseases of the Respiratory System 1975-1980

I.C.D. Codes	75		76		77		78		79		Average 75-79		80	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
487	15	6	6	1	3	4	-	-	3	7	5	4	1	-
485	11	11	14	14	10	11	9	15	12	16	11	13	13	12
491-492	19	1	19	6	18	3	11	4	22	4	18	4	10	4
All codes	52	25	46	26	37	31	29	27	48	36	42	29	48	37

I.C.D. Codes:

487 Influenza

485 Bronchopneumonia, unspecified

491-492 Chronic bronchitis and emphysema

All I.C.D. codes in Group VIII (460-519)

TABLE 3.12

Deaths due to some violent or accidental causes 1975-1980

BTL CODES	1975		1976		1977		1978		1979		1980		I.C.D. Codes
	M	F	M	F	M	F	M	F	M	F	M	F	
E471	7	1	7	2	2	1	5	2	3	1	-	-	E810-819
E473	1	-	-	-	-	-	2	-	2	-	-	-	E830-838
E48	-	-	2	-	1	2	-	-	-	1	2	-	E850-869
E50	2	2	-	-	4	2	3	-	2	2	-	1	E880-888
E51	2	-	-	-	-	-	2	-	-	-	-	-	E890-899
E521	1	-	1	-	1	-	1	-	-	-	-	-	E910
E54	-	1	1	1	3	-	3	2	4	3	3	5	E950-959
E55	-	-	-	-	-	-	-	-	1	-	-	-	E960-969
E560	-	1	1	1	-	-	2	-	-	-	-	1	E980-989
All above Codes	13	5	12	4	11	5	18	4	12	7	5	7	

Explanation of Basic Tabulation List Codes:

E471 Motor vehicle traffic accidents

E473 Water transport accidents

E48 Accidental poisoning

E50 Accidental falls

E51 Accidents caused by fire or flames

E521 Accidental drowning and submersion

E54 Suicide and self inflicted injury

E55 Homicide

E560 Injury undetermined whether accidentally or purposely inflicted

TABLE 4.1

MORTALITY - CANCER (all forms) 1961 - 1980

Death by age and sex rates per thousand resident population

	PERSONS		MALE		FEMALE	
Year	Deaths	Rate/1,000	Deaths	Rate/1,000	Deaths	Rate/1,000
1961	98	2.23	40	1.89	58	2.54
62	117	2.62	62	2.88	55	2.37
63	100	2.20	60	2.75	40	1.70
64	100	2.17	51	2.30	49	2.05
65	104	2.22	65	2.89	39	1.61
66	127	2.68	72	3.15	55	2.23
67	114	2.37	68	2.94	46	1.84
68	124	2.54	69	2.94	55	2.17
69	121	2.44	63	2.64	58	2.26
1970	91	1.81	59	2.44	32	1.23
71	149	2.93	88	3.59	61	2.31
72	131	2.55	74	2.99	57	2.13
73	129	2.48	65	2.60	64	2.37
74	137	2.61	69	2.72	68	2.50
75	142	2.67	77	3.01	65	2.37
76	139	2.60	70	2.70	69	2.49
77	158	2.91	98	3.74	60	2.14
78	131	2.41	71	2.71	60	2.14
79	129	2.36	65	2.47	64	2.37
1980	147	2.75	72	2.80	75	2.71

TABLE 4.2
Guernsey I.C.D. codes 153-154 (Large bowel cancer) 1972 - 1980 Deaths

	DEATHS			DEATHS % ALL CANCER			DEATHS % ALL DEATHS		
	M	F	T	M	F	T	M	F	T
1972	9	10	19	12.2	17.5	14.5	3.0	3.6	3.3
1973	9	10	19	13.9	15.6	14.7	2.9	3.5	3.2
1974	16	13	29	23.2	19.1	21.2	5.4	4.2	4.8
1975	6	10	16	7.8	15.4	11.3	1.7	3.5	2.5
1976	5	6	11	7.1	8.7	7.9	2.3	2.0	1.8
1977	8	10	18	8.2	16.7	11.4	2.6	3.3	2.9
1978	7	14	21	9.9	13.3	16.0	2.6	4.7	3.7
1979	7	15	22	10.8	23.4	17.1	2.3	5.1	3.7
Average of 8 years	8.4	11.0	19.4	11.6	17.5	14.3	2.9	3.7	3.2
1980	5	13	18	6.9	17.3	12.2	1.8	4.4	3.2

TABLE 4.3

MORTALITY - CANCER OF TRACHEA, BRONCHUS AND LUNG - 1961 - 1980

Guernsey deaths and rates per million resident population, compared with rates per million published for England and Wales. (England and Wales data from O.P.C.S. Quarterly publication "Population Trends").

(Rate/M = Rate per million)

	PERSONS			MALE			FEMALE		
	Deaths	Rate/M Guernsey	Rate/M E & W	Deaths	Rate/M Guernsey	Rate/M E & W	Deaths	Rate/M Guernsey	Rate/M E & W
1961	12	318		11	520	869	3	131	139
62	28	626		22	1,023	893	6	259	144
63	28	617		27	1,237	907	1	43	151
64	19	412		15	677	930	4	167	159
65	22	470		22	978	960	0	-	168
66	29	611		20	876	969	9	365	177
67	26	540		24	1,036	1,002	2	80	188
68	21	430		18	766	1,012	3	118	198
69	23	464		20	839	1,040	3	117	202
1970	20	398		18	745	1,045	2	77	214
71	39	766		36	1,470	1,067	3	114	228
72	37	719	646	31	1,252	1,080	6	225	234
73	32	615	654	26	1,038	1,088	6	223	243
74	30	571	670	22	869	1,105	8	294	262
75	32	603	668	25	976	1,090	7	255	269
76	28	522	682	22	849	1,110	6	216	265
77	40	737	690	34	1,297	1,120	6	214	290
78	34	626	700	28	1,067	1,120	6	214	301
79	37	678	700	30	1,138	1,120	7	248	314
1980	30	562	*	19	738	1,116	11	398	332

* Not yet available.

TABLE 4.4

MORTALITY - CANCER OF BREAST - GUERNSEY WOMEN 1975 - 1980
by age groupings, with rates and mainland comparisons

Year	Under 40	40-59	60 and over	Total	Rate per 100,000	
					Guernsey	England & Wales
1975	-	7	8	15	54.6	46.4
1976	-	4	5	9	32.6	46.7
1977	-	5	7	12	42.8	46.9
1978	-	1	9	10	35.6	47.3
1979	1	2	6	9	31.9	47.9
1980	-	1	12	13	47.0	48.1

Except for 1975 the Guernsey rate is consistently lower than that for England and Wales.

Five year average rates 1975 - 1979

Guernsey	39.5	per 100,000 females
England and Wales	47.0	" " "

"

SPECIAL TREATMENT CLINIC - MALE SECTION

The following tables summarise the work of the male section of the Special Treatment Clinic in 1980.

The column headings (a) to (e) have the following meanings:-

- (a) Syphilis cases.
- (b) Gonorrhoea cases.
- (c) Non-specific urethritis cases.
- (d) Other sexually transmitted diseases.
- (e) Miscellaneous conditions.

Two cases of syphilis were still under surveillance following treatment in the preceding year. Both were still under surveillance at the year's end, as were two further syphilis infections contracted during 1980.

There were 158 new infections during the year, accounting for 337 attendances. 156 cases had been discharged after successful completion of treatment by the year's end.

The following three tables analyse these new infections by residential status and place of infection, by status and by age-group.

TABLE 5.1

Infection contracted:-
 between residents locally.
 between residents and non-residents locally.
 by residents outside the island.
 by non-residents outside the island.
 between non-residents locally.
 Totals

(a)	(b)	(c)	(d)	(e)	ALL
-	6	13	28		47
-	11	10	21		42
1	1	1	6		9
1	8	4	4		17
-	6	7	10		23
2	32	35	69	20	158

Of these 158 cases, ten were re-infections.

TABLE 5.2

Status
 Residents
 Visitors
 Visiting seamen
 Imported labour - hotel staff
 - horticulture
 - other
 Totals

(a)	(b)	(c)	(d)	(e)	ALL
1	14	18	17	1	51
-	-	-	-	-	-
-	2	1	3	1	7
-	5	10	18	8	41
-	-	-	-	-	-
1	11	6	31	10	59
2	32	35	69	20	158

TABLE 5.3

Age-group
 Under 16
 Age 16 - 19
 Age 20 - 29
 Age 30 - 39
 Age 40 and over
 Totals

(a)	(b)	(c)	(d)	(e)	ALL
-	-	1	1	1	3
-	4	2	10	4	20
1	19	21	44	14	99
1	7	9	7	1	25
-	2	2	7	-	11
2	32	35	69	20	158

SPECIAL TREATMENT CLINIC - FEMALE SECTION

The following tables summarise the work of the female section of the Special Treatment Clinic in 1980.

The column headings (a) to (e) have the following meanings:-

- (a) Syphilis cases.
- (b) Gonorrhoea cases.
- (c) Non-specific urethritis cases.
- (d) Other sexually transmitted diseases.
- (e) Miscellaneous conditions.

Only one case was still under treatment or surveillance from the preceding year - a case of syphilis.

There were 56 new infections during 1980 accounting for a total of 97 attendances. At the year's end all 57 cases (including the single case of syphilis) had been discharged after successful completion of treatment.

The three tables which follow analyse these new infections by residential status and place of infection, by status and by age-group.

TABLE 5.4

Infection contracted:-

between residents locally.
between residents and non-residents locally.
by residents outside the island.
by non-residents outside the island.
between non-residents locally.
Totals

(a)	(b)	(c)	(d)	(e)	ALL
-	5	-	4		9
-	6	1	6		13
-	1	-	1		2
-	5	1	5		11
-	-	3	6		9
-	17	5	22	12	56

TABLE 5.5

Status

Residents
Visitors
Visiting ship's crew
Imported labour - hotel staff
 - horticulture
 - other

Totals

(a)	(b)	(c)	(d)	(e)	ALL
-	6	-	4	2	12
-	1	-	2	-	3
-	-	-	-	-	-
-	7	4	11	10	32
-	-	-	-	-	-
-	3	1	5	-	9
-	17	5	22	12	56

TABLE 5.6

Age-group

Under 16
Age 16 - 19
Age 20 - 29
Age 20 - 39
Age 40 and over
Totals

(a)	(b)	(c)	(d)	(e)	ALL
-	-	-	-	-	-
-	4	9	2	2	17
-	1	4	-	-	5
-	8	10	3	1	22
-	5	7	-	-	12
-	18	30	5	3	56

SEXUALLY TRANSMITTED DISEASES

In addition to those cases attending the Special Treatment Clinic 30 cases of sexually transmitted diseases were confirmed by laboratory diagnosis. It is not known what proportion these positive cases represent of all suspect specimens submitted from practitioner groups.

TABLE 5.7

<u>GONORRHOEA</u>		<u>POSITIVE CULTURE</u>					
		16 yrs	16-19	20-29	30-39	40+	AGE UNKNOWN
							TOTAL
Male	-	3	10	4	1	3	21
Female	-	1	2	1	-	1	5
Sex unknown	-	-	-	-	-	1	1
							27
<u>SYPHILIS</u>	3 (All males - age unknown)						3
	Positive S.T. infections						30

TABLE 6.1

CREMATIONS

A total of 287 cremations took place in 1980. This includes 27 requested from elsewhere.

Year	Cremations Guernsey	*Cremation Requests	Cremations (Guernsey) as a Proportion of Resident Deaths
1970	177	7	29.0 per cent
1971	212	5	33.0 per cent
1972	213	4	37.0 per cent
1973	206	4	35.0 per cent
1974	218	8	36.0 per cent
1975	222	12	35.0 per cent
1976	223	12	37.0 per cent
1977	260	12	42.0 per cent
1978	246	9	43.0 per cent
1979	261	10	43.0 per cent
1980	260	27	45.6 per cent

* Cremation Requests are requests for cremations at the Guernsey crematorium for persons other than Guernsey residents.

These figures are not included in columns 2 and 4.

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COMMUNITY NURSING AND MIDWIFERY 1980

By comparison with 1979 this year saw far fewer staff changes. In January Miss Patricia Baker retired, after a long spell of sick leave, and Mrs. S.E. Le Page took up her duties.

Pat Baker joined the Vale and St. Sampson's District Nursing Association in October 1954 and so completed more than twenty five years of devoted service, caring for the sick and the old as well as delivering the babies of two generations of mothers in the northern parishes. She will long be remembered for her unfailing compassion and for her direct approach to every problem. It is good to know that her retirement will not be marred by the pain which afflicted her towards the end of her long spell of duty. Long may she enjoy the freedom of movement which surgery has regained for her.

In the autumn Mrs. Dorothy Le Tissier and her daughter changed places, retaining between them the care of "South" babies.

By the year's end arrangements were complete for two of the Community nursing staff, Sister Le Page and Enrolled Nurse Pierre Hervé, to attend courses on the mainland for the National District Nursing Certificate.

Earlier in the year two nurses and the Co-ordinator had attended Dr. Stanley Allen's course on the treatment of venous ulcers at the Rank Teaching Centre, Battersea. In May a weekly clinic began at the Community Nurses Centre treating varicose conditions in patients referred by their own family doctors. By the year's end twenty three patients had attended, nine of whom had been discharged, their ulcers healed.

Another innovation during 1980 was the limited provision of night care, usually for terminal cases being nursed at home. There is not a constant demand for this, but it is a service greatly appreciated when it can be met. As the tables below confirm, the increasing number of elderly persons requiring attention at home, many over eighty years old and some living alone, make it probable that demand will increase. There is probably a need for a "twilight" service, ensuring that elderly patients are safely settled for the night, more than a requirement for nurses throughout the night.

The system of using electronic pagers ("bleeps") to simplify "on call" duties was further developed during the year, resulting in better cover at week-ends and on public holidays, greater freedom for those on stand-by and better communication between staff, doctors and patients.

This is a good opportunity for reviewing the work of the past five years and to discern what trends there are.

TABLE 7.1

COMMUNITY NURSING VISITS 1976 - 1980

	1976	1977	1978	1979	1980	INCREASE '76-'80
General visits	23,284	25,547	27,035	29,984	34,339	+47.5%
65+ visits	18,680	21,785	22,768	24,683	28,472	+52.5%
Midwifery visits	1,961	1,514	2,734	3,143	3,516	+79.3%
Total visits	25,245	27,061	29,769	33,127	37,855	+50.0%

TABLE 7.2 Change compared with preceding year 1976 to 1980

	1976	1977	1978	1979	1980
General visits	-	+9.7%	+5.8%	+10.9%	+14.5%
65+ visits	-	+16.6%	+4.5%	+8.4%	+15.4%
Midwifery visits	-	-22.8%	+80.6%	+15.0%	+11.9%
Total visits	-	+7.2%	+10.0%	+11.3%	+14.3%

These figures speak for themselves. The sudden increase in maternity visits in 1978 is explained by the resumption of responsibility for mother and baby care in the Southern parishes, at one time looked after by hospital based midwives.

Overall visiting has increased by 50% in five years and visits to persons over 65 have gone up by over 52%. However, it needs to be explained that visits by two nurses to a single patient are counted as two visits. The comparison is a fair one; double nursing time is involved.

Paired visits only became possible after the small increase in establishment which was implemented in 1979. The disturbing frequency of sickness absence due to injured backs was ascribed to nurses having to manage heavy patients single-handed, often on unsuitable, low, divan beds. The incidence of back trouble is high enough among nurses generally, but it was realised that the domiciliary nurse, working alone under conditions which are frequently very unsuitable for nursing care, is at particular risk. In selected cases, therefore, visits are made by two district nurses, so that heavy lifting can be shared. The incidence of absence from duty caused by injured backs has declined noticeably.

If general visits are further analysed by area it can be seen that the slight easing in the northern parishes is more than counterbalanced by the increase in all other districts. Comparable figures for 1979 are in brackets.

TABLE 7.3

TYPE OF VISIT	VALE AND ST. SAMPSON	ST. PETER PORT	COUNTRY	
			EAST	WEST
Medical	6,924 (7,915)	8,944 (7,810)	6,098 (4,710)	6,556 (5,086)
Surgical	2,744 (2,752)	1,143 (1,010)	1,099 (710)	831 (711)
Total visits	9,668 (9,947)	10,087 (8,820)	7,197 (5,420)	7,387 (5,797)
Proportion of 65+ visits	76.5% (81.1%)	81.4% (84.6%)	89.8% (83.0%)	86.7% (79.1%)
1980 : 1979 Change in total visits	-2.8%	+14.4%	+32.8%	+27.4%

TABLE 7.4

Midwifery

	NORTH	TOWN	SOUTH	ALL AREAS
Mothers attended (1979)	192 (179)	177 (181)	217 (210)	586 (570)
Visits (1979)	1,247 (a) (1,048)	1,053 (b) (965)	1,216 (c) (1,130)	3,516 (3,143)

Notes: (a) Not including 8 visits to South (68 in 1979)
 (b) Not including 147 visits to South (94 in 1979)
 (c) Includes all 155 visits from elsewhere (162 in 1979)

Table 7.4. above shows the 11.9% increase in midwifery visits divided by three midwifery areas, North, Town and South.

North - midwifery visits increased by 199 or 19.0%
 Town - midwifery visits increased by 88 or 9.1%
 South - midwifery visits increased by 86 or 7.6%
 All areas - midwifery visits increased by 373 or 11.9%

while the number of mothers attended in each area changed by:-

North +13 or +7.3%
 Town -4 or -2.2%
 South +7 or +3.3%
 All areas +16 or +2.8%

So, although the number of visits increased considerably, the number of mothers attended changed little. This is explained by the following table, which demonstrates how the trend of earlier discharge home from the maternity ward has developed.

TABLE 7.5

		Mothers visited at home after delivery			
Year		Within 2 days	3 - 7 days	8 or more days	Neonatal death
1980	No.	17	427	141	1
	% of deliveries	2.9%	72.8%	24.1%	02.%
1979	No.	7	388	175	0
	% of deliveries	1.2%	68.1%	30.7%	-

Home visits to mothers within two days of delivery in hospital increased two and a half times and to mothers within one week of delivery by ten per cent. Less than a quarter of all mothers remained in hospital for more than a week after delivery, 34 or nearly 19% fewer than in 1979. This all adds up to nearly 12% more midwifery visiting in the districts.

This can be looked at another way, by the nature of the visit.

TABLE 7.6

	1980	1979
Antenatal visits - Hospital booked cases	341	260
Antenatal visits - Home booked cases	0	2
Postnatal visits - Hospital booked cases	2,867	2,659
Postnatal visits - Home booked cases	0	0
Visits following neonatal death in hospital	10	0
"No access" visits	298	222
Total visits	3,516	3,143

There were no home deliveries in 1980 or 1979.

This opportunity is taken to say thankyou for gifts from grateful patients, and donations from relatives in lieu of wreaths, to the Community Nursing Amenities Fund. Next year is the International Year of Disabled People and it is hoped to make 1981 a memorable year for some of our disabled patients: Thanks are also gratefully recorded to the Country Districts Nursing Association for gifts of money to help individual patients and to those many readers who answered an appeal in the Guernsey Evening Press, during a particularly cold spell, by sending blankets and eiderdowns. Bags of kindling and, near Christmas time, sacks of logs, were provided from the States Prison and distributed to those in need of them.

"

From the report of Miss D. Aeschmann BA(Hons) SRN, SCM, Nurse Co-ordinator, Community Nursing Services.

[illegible]

8) Health Education (253 sessions)

[illegible]

9) Meetings with: (196 sessions)

Medical Officer of Health	..	..	..	..	..	11	11
Principal Nursing Officer	..	..	..	..	..	5	10
Health Visitors	..	..	..	..	..	12	91
Group practice	..	..	..	..	..	92	102
Community Nurse	..	..	..	..	..	13	5
Nursing Officers	..	..	..	..	..	5	4
Case conference	..	..	..	..	..	4	5
Obstetric club, course	..	..	..	..	..	16	35
Other	..	..	..	..	..	39	46

10) Miscellaneous (299)

[illegible]

TABLE 8.2

INFANT WELFARE CLINICS 1980

Number of Clinics held and Number of Children seen by Health Visitors at these Clinics.

<u>Number of Clinics held</u>		<u>Children seen</u>	
		<u>0-1 year</u>	<u>1-5 years</u>
Brock Road	24	550	293
Cobo	69	1,404	684
Wesley Church Hall	23	209	164
St. Peters	24	417	126
St. Saviours	17	84	73
St. Martins	23	524	104
L'Islet	15	457	81
Lukis House	49	685	132
Vale	15	420	63
	<u>259</u>	<u>4,750</u>	<u>1,720</u>

Total of children seen by the Health Visitors - 6,470 (an increase of 304 on 1979).

1979	232	4,642	1,524
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In addition Health Visitors hold Parentcraft and Relaxation classes each Thursday morning and afternoon. During 1980 a total of 96 classes were held, attended by 378 mothers.

In 1979 a total of 351 mothers attended these classes.

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REPORT OF J.M. BAIRDS, CHIEF PUBLIC HEALTH INSPECTOR,
FOR THE YEAR 1980

The year could be regarded as an average one for the Public Health Inspectorate. Whilst the number of recorded complaints was slightly down at 1346 (1446 in 1979) the work load was increased by the very complexity of some of the complaints: particularly in respect of noise and atmospheric nuisances.

Mr. John Robinson joined the staff in January as a student. It was intended that he gain some practical experience prior to attending college in the United Kingdom. Unfortunately he found that he could not come to terms with some of the more unpleasant duties that have to be carried out by the inspectors and subsequently left the department in September.

The vacancy for a local student was immediately readvertised, but there were no suitable applicants.

A further readvertisement, towards the end of the year, proved more successful and we were looking forward to appointing a student early in 1981.

The following table includes classified, routine and special visits carried out by the Public Health Inspectors in the general category (i.e. excluding food control).

TABLE 9.1

CLASSIFIED INSPECTIONS AND VISITS - GENERAL SECTION

	<u>1979</u>	<u>1980</u>
Inspections (Housing)	405	861
Multiple Occupation (Housing)	18	22
Overcrowding (Housing)	13	12
Closing Orders	4	9
Ruinous Buildings	3	13
Closing Orders Revoked	-	6
Atmospheric Nuisances	83	144
Smoke Observations	32	120
Noise Nuisances	11	17
Noise Observations	12	26
Sulphur Dioxide/Grit Samples	-	41
Refuse Accumulations	100	176
Controlled Tips	6	37
Swimming Pools (Bact.)	2	6
Swimming Pools (Cl ₂ and pH)	47	74
Public Conveniences	10	47
Verminous Premises	66	56
Disinfestations	23	15
Rodent Control Investigations	71	119
Fumigations	6	3
De-ratting Certificates (Ships)	-	1
Non-Public Health Pests	18	39
Water Supplies - Mains	16	58
Water Supplies - Private	31	93
Water Samples	71	154
Streams etc.	8	37
Drainage - General	279	275

Cesspits	16	58
Septic Tanks	6	29
Public Sewers	11	14
Drain Tests	6	18
Workplaces	6	9
Factories	-	3
Schools	7	-
Camping Sites	5	21
Hairdressing Establishments	-	23
Hospitals	-	1
I.D.C. Visits	1	3
Visits with Other Departments	5	14
Plans Inspected	16	23
Refuse Baling Plant	-	6
Infectious Disease (Investigations)	6	2
Paint Spraying Premises	-	28
Farms	20	20
Piggeries	12	12
Stables (Riding Establishments)	-	3
Nursing Homes	13	2
Residential Homes	6	-
Health and Safety	-	10
Pharmacy and Poisons	-	2
Lectures (Health Education)	1	1
Imigration	-	1
Hotel Staff Accommodation	8	4
Visits to Herm	14	5
Visits to Alderney	3	9
Visits to Sark	1	2
Non-classified Visits	164	383

RODENT CONTROL

A total of 1690 complaints/requests for treatment were received during the year (1884 in 1979) and an additional 821 secondary treatments were carried out. Figures for pre-baiting, test baiting and survey work are not included.

Category details were as follows:

Scheduled sector - (domestic premises) 686 complaints/requests 40.6%
(42.3% in 1979)

Non-scheduled sector - (commercial premises) 1004 complaints/requests
59.4% (57.7% in 1979)

Scheduled sector 326 secondary treatments 39.7%

Non-scheduled sector 495 secondary treatments 60.3%

A more detailed breakdown of the workload is as follows:

TABLE 9.2 Premises	Complaints/Requests	Secondary	Totals	Percentage
		Visits		
Growers	772	368	1158	46.1%
Commercial	84	36	120	4.8%
Farms	135	90	225	9.0%
Domestic	154	75	229	9.1%
Miscellaneous	545	234	779	31.0%

As it will be seen from the figures overleaf, the majority of the work carried out by the rodent operatives is on growers' premises, and it is obvious that the service provided by the Board of Health is still being abused - many growers making no attempt whatsoever to rid their properties of rodents or protect them from rat invasion.

DISINFESTATIONS

Thirtyseven disinfestations of premises were carried out during the year either by the rodent control staff or under the supervision of a public health inspector.

Telephone advice was also given on many occasions in respect of infestations of ants and non-public health pests.

TABLE 9.3

CLASSIFIED INSPECTIONS AND VISITS - FOOD CONTROL SECTION

	<u>1979</u>	<u>1980</u>
Hotels/Guest Houses	221	321
Self Catering Accommodation	4	36
Restaurants/Cafes, etc.	137	230
Take-away Food Shops	5	12
Canteens	2	-
Beau Sejour Leisure Centre	12	49
School Catering	-	1
Hospital Catering	1	4
Outside Catering	3	1
Conference Catering	4	-
Bakehouses	20	48
Confectioners (Bakery)	4	13
Breweries	-	6
Public Houses	9	42
Grocers	61	58
Greengrocers (General)	1	14
Greengrocers (Wholesale)	2	15
Greengrocers (States Market)	1	14
Confectioners (Ice Cream/Sweets)	1	1
Butchers (Retail)	31	27
Butchers (Wholesale)	10	33
Butchers (States Market)	-	17
Fishmongers (Retail)	4	6
Fishmongers (Wholesale)	-	4
Fish and Chip Shops	11	14
Mobile Vehicles (Food)	16	30
Cinemas/Clubs	-	1
Packing Stations	-	1
Wholesale/Storage Depots	20	2
Kiosks (Beach etc)	-	9
Food Factories	15	8
Vending Machines/Sites	4	-
States Markets	2	11
States Slaughterhouse	9	8
States Dairy	1	6
Milk Rejection Investigations	1	-
Dairy Farms	13	6
Registrations (Food and Drugs Law)	5	4

Examination of Food	83	158
Food Surrender	312	262
Supervision, Destruction of Surrendered of Food	93	211
Food Consumer Complaints	101	98
Food Complaints - Other Visits	105	249
Suspected Food Poisoning - Investigations	49	57
Suspected Food Poisoning - Other Visits	383	452
Microwave Ovens (Safety Checks)	-	5
Port Health - Docks	-	16
Port Health - Airport	-	2
Plans Inspected (Food Premises)	10	91
Visits with Other Departments	89	26
Lectures (Food Hygiene)	7	19
Non-classified Visits	780	513

FOOD COMPLAINTS

A total of 98 complaints were received; all were resolved without resort to formal action (101 in 1979).

FOOD SAMPLING

A proportion of the inspectorate's time is involved in sampling food and drink, either as a matter of routine or on request or complaint.

Samples submitted for Bacteriological Examination

203 samples were taken during the year, summarised as follows:

Food	27
Milk/Cream	27
Water	129
Ice Cream	16
Other	4

Samples submitted for Chemical Examination

43 samples were taken, as follows:

Food	16
Milk	2
Water	25

Foodstuffs voluntarily surrendered during 1980

The food surrendered included:

Meat - tinned	- 741 lbs
- fresh/frozen	- 8144 lbs
- Products	- 1422 lbs
Fruit and Vegetables	- 5902 lbs
Cheese and Fats	- 3851 lbs
Frozen Foods	- 10650 packets
Fish/Shellfish	- 1220 lbs
Miscellaneous	- 313 tins/packets
	- 400 litres
	- 1703 lbs
	- 6115 lbs Dog Meal
	- 3088 cans/ $\frac{1}{4}$ l bottles Soft Drinks

COMMENT

The large quantity of soft drinks were destroyed at the request of the manufacturers due to contamination of the outer wrappings and the exteriors of the bottles and cans by a toxic chemical during a rough sea crossing.

FOOD POISONING

A total of 57 cases of suspected food poisoning (including 38 cases notified by medical practitioners) were investigated by the public health inspectors.

A total of 12 persons were found to be affected and all but 2 of them had contracted the salmonella organism outside the island. The two local cases were isolated incidents and despite intensive investigation it was not possible to ascertain the source of the infection.

HERM AND ALDERNEY

These islands were visited on several occasions as a matter of routine in respect of general public health and food control. It is particularly encouraging, in respect of Alderney, to note the welcome given to the inspectors during their visits and the co-operation received from the trades and islanders generally.

SARK

This island was visited on two occasions at the request of the Sark Public Health Committee in order that advice could be given on drainage problems and on food hygiene matters.

HEALTH EDUCATION

The College of Further Education continued to do its excellent work in training catering students and also in encouraging other sections of the food trade to raise their standards of hygiene, by providing an increasing number of short-term courses in food hygiene to satisfy the increasing demand.

A total of 12 lectures on food hygiene and rodent control were given by public health inspectors to students preparing either for the Certificate or the Diploma of the Royal Institute for Public Health and Hygiene.

A further point of interest is that the College is now providing a course in hygiene for Hairdressers for the Certificate of the Royal Institute of Public Health and Hygiene - this is to be encouraged as until recently scant attention has been given to the standards of hygiene in hairdressing premises.

A series of 8 food hygiene lectures were also given to groups of St. John's Ambulance Nursing Cadets.

GENERAL COMMENTS

Vale Power Station

Following receipt of several complaints of excessive sulphur dioxide alleged to emanate from the Vale Power Station the public health inspectorate, with the co-operation of the States Electricity Board and the States of Jersey Public Analyst, began the setting up of monitoring equipment to ascertain the source of the problem, the degree of nuisance and the most practical and suitable remedy.

It is expected that the survey will extend well into 1981.

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WATER POLLUTION

In my reports for 1978 and 1979 I published brief details of incidents causing pollution of the water sources of Guernsey from information supplied by the States Water Board. In 1980 a much more detailed POLLUTION REPORT has been prepared by the Water Board and published separately. The following extracts are taken from that Report, with acknowledgements to the States Water Board and to Mr. C.M. Smith, Pollution Control Assistant, who prepared it.

There were 77 pollution incidents in 1980, one more than in 1979 and eight fewer than in 1978. So the number of incidents annually remains disappointingly high. The table below makes a broad comparison of these three years.

TABLE 10.1

POLLUTION OCCURRENCES COMPARED 1978 - 1980

CATEGORY OF POLLUTANT	POLLUTION INCIDENTS		
	1978	1979	1980
Pesticides and horticultural chemicals	38	15	10
Oil spills	25	40	27
Foul drainage, including sewage	14	11	23
Others	8	10	17
Total	85	76	77

The steady fall in contamination by pesticides and horticultural chemicals is gratifying. Alas, it is balanced by a rise in other contaminants, spills from oil storage being particularly high in 1979. Pollution from foul drainage, particularly farmyard slurry, is usually related to rainfall and, as Mr. Lillington states in his meteorological report quoted earlier herein, 1980 was the wettest summer of the last four wet years. Even so, a twofold increase in pollution incidents of this category is rather more than one would expect.

It is to be hoped that the publicity which the Water Board is now giving to pollution events, not only in the press as they occur, but now by producing an annual report, will have the desired effect of diminishing these occurrences. Not all are avoidable perhaps, but certainly most could be prevented. Careless use of chemicals and rusted oil storage tanks accounted for something like 70% of incidents in 1978 and 1979; almost 50% in 1980.

Of 22 sites in the Water Board's system where pollution may be found to have occurred, only five or six account for the great majority of a year's incidents.

TABLE 10.2

SITES MOST COMMONLY AFFECTED

	1978	1979	1980
VALE POND	17	19	15
MARAIS STREAM	15	10	12
ST. SAVIOUR'S RESERVOIR	10	5	11
PETIT BOT STREAM	10	4	6
KING'S MILLS	6	12	9
MARE DE CARTERET	3	20	12
TOTAL OF ABOVE	61	70	65
% OF TOTAL INCIDENTS	72%	92%	84%

For greater detail the reader is referred to Mr. Colin Smith's Pollution Report 1980.

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TABLE 11.1 CERTAIN STATISTICS RELATING TO HOUSING

Year	Priority Families	Eviction Cases	17+ Points	1-16 Points	Zero Points	Dwellings Constructed	Families Housed	Dwellings in Course of Construction or Conversion
1968	5	27	25	228	133	29	53	83
1969	7	23	10	220	115	59	109	297
1970	8	25	4	214	160	73	100	244
1971	4	10	1	113	190	183	194	61
1972	2	8	1	95	173	65	154	-
1973	1	8	-	113	155	-	74	-
1974	5	20	3	127	115	-	54	29
1975	2	18	-	161	111	36	51	103
1976	1	13	1	176	101	64	84	58
1977	2	11	-	175	85	46	104	-
1978	-	14	-	187	66	14	84	-
1979	2	24	-	192	90	-	78	65
1980	1	27	-	209	111	35	80	30

I am indebted to the Secretary, States Housing Authority for the above data.

TABLE 12.1 GUERNSEY - NON-RESIDENT DEATHS 1980

GROUP & ICD NO	CONDITION	TOTAL ALL AGES		TOTAL ALL AGES PERSONS	AGE 25-44		AGE 45-64		AGE 65-74		AGE 75+	
		M	F		M	F	M	F	M	F	M	F
II 157	Malignant neoplasm, pancreas.	2	-	2	-	-	1	-	-	-	1	-
162	Malignant neoplasm, trachea, bronchus and lung.	3	-	3	-	-	1	-	1	-	1	-
174	Malignant neoplasm, female breast.	-	1	1	-	-	-	1	-	-	-	-
185	Malignant neoplasm, prostate,	1	-	1	-	-	-	-	1	-	-	-
186	Malignant neoplasm, testis.	1	-	1	1	-	-	-	-	-	-	-
199	Carcinomatosis.	-	1	1	-	-	-	1	-	-	-	-
III 250	Diabetes mellitus.	-	1	1	-	-	-	-	-	1	-	-
VII 395	Diseases of aortic valve.	1	1	2	-	-	-	-	1	1	-	-
402	Hypertensive heart disease.	-	1	1	-	-	-	-	-	1	-	-
410	Acute myocardial infarction.	4	2	6	-	-	2	-	2	2	-	-
414	Chronic ischaemic heart disease.	1	-	1	-	-	-	-	1	-	-	-
428	Heart failure.	-	1	1	-	-	-	-	-	-	-	1
431	Intracerebral haemorrhage.	-	1	1	-	-	-	1	-	-	-	-
432	Other intracranial haemorrhage.	-	1	1	-	-	-	-	-	-	-	1
441	Aortic aneurysm	-	1	1	-	-	-	-	-	-	-	1
IX 577	Diseases of pancreas.	1	-	1	-	-	-	-	1	-	-	-
XVII 820	Fracture of neck of femur.	-	1	1	-	-	-	-	-	-	-	1
	All causes, all ages	14	12	26	1	-	4	3	7	5	2	4

TABLE 12.2

ALDERNEY DEATHS 1980

GROUP & ICD NO	CONDITION	TOTAL ALL AGES		TOTAL ALL AGES PERSONS	AGE UNDER 1		AGE 1-44		AGE 45-64		AGE 65-74		AGE 75+	
		M	F		M	F	M	F	M	F	M	F	M	F
II 152	Malignant neoplasm, small intestine.	-	1	1	-	-	-	-	-	-	-	-	-	1
174	Malignant neoplasm, female breast.	-	1	1	-	-	-	-	-	-	-	-	-	1
175	Malignant neoplasm, male breast.	1	-	1	-	-	-	-	-	-	-	-	1	-
VII 395	Diseases of aortic valve.	-	1	1	-	-	-	-	-	-	-	-	-	1
402	Hypertensive heart disease.	-	1	1	-	-	-	-	-	-	-	-	-	1
410	Acute myocardial infarction.	4	1	5	-	-	-	-	-	-	1	1	3	-
414	Chronic ischaemic heart disease.	3	-	3	-	-	-	-	-	-	1	-	2	-
431	Intracerebral haemorrhage.	1	-	1	-	-	-	-	-	-	-	-	1	-
432	Other intracranial haemorrhage.	-	1	1	-	-	-	-	-	1	-	-	-	-
434	Cerebral artery occlusion.	1	1	2	-	-	-	-	-	-	-	-	1	1
440	Atherosclerosis.	-	1	1	-	-	-	-	-	-	-	-	-	1
VIII 487	Influenza.	1	-	1	-	-	-	-	-	-	-	-	1	-
491	Chronic bronchitis.	1	-	1	-	-	-	-	-	-	-	-	1	-
493	Asthma.	1	-	1	-	-	-	-	-	-	1	-	-	-
IX 571	Chronic liver disease and cirrhosis.	2	-	2	-	-	-	-	1	-	-	-	1	-
XV 763	Perinatal death.	1	-	1	1	-	-	-	-	-	-	-	-	-
XVI 784	Symptoms involving head and neck.	-	1	1	-	-	-	-	-	-	-	-	-	1
XVII 949	Burn, unspecified.	-	1	1	-	-	-	-	-	-	-	-	-	1
980	Toxic effect of alcohol.	1	-	1	-	-	-	-	-	-	1	-	-	-
		17	10	27	1	-	-	-	1	1	4	1	11	8
	SUPPLEMENTARY CLASSIFICATION													
EXVII	EXTERNAL CAUSE OF INJURY													
E891	Conflagration in other building.	-	1	1	-	-	-	-	-	-	-	-	-	1
E911	Inhalation of food-suffocation.	1	-	1	-	-	-	-	-	-	1	-	-	-

Includes 5 Alderney Residents who died in Guernsey.

ALDERNEY - ANNUAL REPORT

I am most grateful to Dr. A.C. Mulvaney, Assistant Medical Officer of Health in Alderney, for sending me the following report.

Dear Dr. White,

ANNUAL REPORT OF THE ASSISTANT MEDICAL OFFICER OF HEALTH
ALDERNEY FOR 1980

In many ways 1980 was uneventful although two events may signal changes for the future; viz, the inauguration of a second air service to the mainland and the quickening tempo of house purchases. It will be interesting to see if the 1981 Census confirms these pointers for the future expansion of Alderney.

The number of deaths was twenty two (41), fourteen male and eight female, one of the latter being a perinatal death. There were nineteen births, five on the island and twelve at the Princess Elizabeth Hospital, Guernsey. There were twelve marriages.

Only one infectious fever was notified, viz, measles and this was an English visitor.

During the year Mrs. Pauline Allen resigned which was a disappointment as her wide experience enabled her to fulfil the triple duties as midwife, district nurse and well baby clinic nurse. Fortunately the nurse seconded from the Mignot Memorial Hospital to take her place as district nurse, Mrs. Marion Scales, quickly became appreciated by all her patients. The unsatisfactory position of having no local health visitor continued in 1980, but we were fortunate to have the services of the Guernsey Health Visitor, Miss A.D. Matthews, who paid three visits to Alderney.

Twelve infants were given complete courses of Diphtheria/Tetanus and Polio (80%), seven children received measles inoculation (80%), and eight received pre-school boosters for Diphtheria/Tetanus and Polio (100%).

On two occasions serious faults developed in the sewage system. The first affected three bungalows on the western side of the Allee es fees which were connected to a private sewer. Fortunately this was quickly cleared by the owner. The second complaint is of a more serious nature, although due to the steep fall of the land it only affects the most southerly property on Bluestone Hill. At the moment the substantial concrete sewer pipe built during the German Occupation along the line of Barrack Masters Lane is somewhere blocked at the point where the road to Essex Castle crosses the valley. As a result there is gross offensive ponding sewage in the garden of the southerly property already mentioned. Recently the States of Alderney have provided a sum of £3,500 for the clearing of the sewage pipe by rodding and at the same time it is hoped that the exit of the pipe will be finally defined and connected to the Nunnery filter beds.

Delivery of frozen food by cargo boat continues to be a problem and on five occasions partially thawed out food had to be condemned.

Dr. A.C. Mulvaney.

TABLE 13.1

PUBLIC HEALTH DEPARTMENT - FINANCE 1980

(The figures for 1979 are shown in brackets - adjusted to the nearest £1)

			1980 £	1979 £
Analyst's Fees			1635	(1310)
Cleaning, Fuel, Light, Water and Rents			5260	(8045)
Infectious Diseases:				
Doctor's Fees	4038	(3372)		
Drugs, Vaccines, etc.	4222	(2895)		
	<u>8530</u>	<u>6267</u>		
Less Recoveries	1306	1292	7224	(4975)
Office Equipment and Furniture			3438	(2166)
Postage, Stationary and Telephone			5590	(5143)
Rodent and Pest Control Material			1726	(2516)
Salaries and Wages			273747	(212305)
Superannuation less Employee's Contribution			29759	(24415)
Special Treatment Clinic			13397	(12089)
Upkeep and Repair of Building			927	(2535)
Travelling Expenses			29385	(19923)
Welfare Foods	4774	(3634)		
Less Recoveries	4099	(3600)	675	(34)
Other Expenses			2524	(5209)
			<u>375287</u>	<u>(300665)</u>
Less Recoveries from Education Council			29883	(26558)
			<u>345404</u>	<u>(274107)</u>

TABLE 13.2

<u>MISUSE OF DRUGS - LICENSES</u>		
1976	40	(from June 1st only)
1977	90	
1978	89	
1979	82	
1980	87	

Average: 85.6 licences per year.

The demand for licences to import controlled drugs remains very consistent since June 1976, when this became a function of this Department.

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APPENDIX I Deaths (exclusive of foetal deaths) - Cross classified by Cause and Sex, Registered 1978 - 1980

GROUP	1978			1979			1980		
	M	F	Total	M	F	Total	M	F	Total
I Infectious and parasites:	1	2	3	-	1	1	1	-	1
II Cancer and new growths:	71	60	131	65	64	129	72	75	147
III Endocrine, metabolic and immune diseases:	2	3	5	2	3	5	4	4	8
IV Anaemias:	1	3	4	1	2	3	-	-	-
V Mental disorders:	1	2	3	2	1	3	1	4	5
VI Nervous and sensory disorders:	2	-	2	5	5	10	3	3	6
VII Heart and circulatory diseases:	128	166	294	156	151	307	118	144	262
VIII Respiratory diseases:	29	27	56	48	36	84	35	34	69
IX Digestive system diseases:	6	8	14	5	11	16	8	9	17
X Genitourinary diseases:	2	5	7	3	2	5	8	6	14
XI Complications of childbearing:	-	-	-	-	-	-	-	-	-
XII Skin conditions:	-	-	-	-	-	-	-	-	-
XIII Diseases of bone, muscles and joints:	-	1	1	-	1	1	1	1	2
XIV Congenital anomalies:	1	-	1	-	1	1	3	2	5
XV Diseases of the foetus and newborn:	1	3	4	3	2	5	1	1	2
XVI Ill-defined conditions:	6	10	16	2	8	10	7	5	12
XVIII Accidents, injury and poisoning:	20	6	26	14	7	21	12	9	21
Totals:	271	296	567	306	295	601	274	297	571

APPENDIX II Guernsey - Deaths by I.C.D. Groups and age-groups 1980

CAUSE OF DEATH	GRAND TOTAL	TOTAL ALL AGES		UNDER 1		1-4		5-14		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GROUP I <u>Infectious and Parasitic Diseases</u>	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
GROUP II <u>Neoplasms</u>	147	72	75	-	-	-	-	-	-	1	-	-	4	16	18	24	19	31	34
GROUP III <u>Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders</u>	8	4	4	-	-	-	-	-	-	-	-	-	-	1	-	2	4	1	-
GROUP V <u>Mental Disorders</u>	5	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
GROUP VI <u>Diseases of the Nervous System and Sense Organs</u>	6	3	3	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	1
GROUP VII <u>Diseases of the Circulatory System</u>	262	118	144	-	-	-	-	-	-	-	-	1	-	20	9	42	31	55	104
GROUP VIII <u>Diseases of the Respiratory System</u>	69	35	34	-	1	-	-	-	-	-	-	-	2	6	-	7	6	22	25
GROUP IX <u>Diseases of the Digestive System</u>	17	8	9	-	-	-	-	-	-	-	-	-	1	1	1	4	3	3	4
Carried forward	515	242	273	-	1	-	-	-	-	1	-	1	7	47	29	79	64	114	172

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APPENDIX III Guernsey - Deaths by I.C.D. 3-figure codes and age-group 1980

Guernsey - Deaths by I.C.D. 3-figure codes and age sex																		
I.C.D. CODE NO		CAUSE OF DEATH	TOTAL	UNDER 1		1-4	5-14		15-24	25-44	45-64	65-74		75+				
				M	F		M	F				M	F		M	F		
038		GROUP I Infectious and Parasitic Diseases Other salmonella infections. Totals: GROUP I	1 1	- -	- -	- -	- -	- -	- -	- -	1 1	- -	- -	- -				
		GROUP II Neoplasms																
146		Malignant, oropharynx.	-	-	-	-	-	-	-	-	-	-	-	-				
150		Malignant, oesophagus.	1	-	-	-	-	-	-	-	-	1	-	-				
151		Malignant, stomach.	6	-	-	-	-	-	-	-	-	3	1	3				
152		Malignant, small intestine and duodenum.	1	-	-	-	-	-	-	-	1	-	-	-				
153		Malignant, colon.	3	-	-	-	-	-	-	-	-	1	4	2				
154		Malignant, rectum, rectosigmoid junction and anus.	2	-	-	-	-	-	-	-	-	1	-	1				
155		Malignant, liver and intrahepatic bile ducts.	1	-	-	-	-	-	-	-	-	1	-	-				
156		Malignant, gallbladder and extrahepatic bile ducts.	-	-	-	-	-	-	-	-	-	-	-	1				
157		Malignant, pancreas.	7	-	-	-	-	-	-	-	1	-	2	1				
158		Malignant, peritoneum.	1	-	-	-	-	-	-	-	-	-	-	-				
161		Malignant, larynx.	1	-	-	-	-	-	-	-	-	-	-	1				
162		Malignant, trachea, bronchus and lung.	19	11	-	-	-	-	-	-	3	2	7	9				
171		Malignant, connective and sof tissue.	-	1	-	-	-	-	-	-	-	-	1	-				
172		Malignant melanoma of skin.	1	1	-	-	-	-	-	-	1	1	-	-				
173		Other malignant neoplasm of skin.	-	1	-	-	-	-	-	-	-	-	-	1				
174		Malignant, female breast.	-	13	-	-	-	-	-	-	-	-	3	-				
180		Malignant, cervix uteri.	-	4	-	-	-	-	-	-	-	-	1	-				
182		Malignant, body of uterus.	-	3	-	-	-	-	-	-	-	-	1	-				
		Carried forward	43	59	-	-	-	-	-	-	3	6	14	16	15	21	27	

[illegible]

I.C.D. CODE NO	CAUSE OF DEATH	TOTAL	UNDER 1		1-4	5-14	15-24	25-44	45-64	65-74	75+			
		M	F	M	F	M	F	M	F	M	F			
GROUP VI														
<u>Diseases of the Nervous System and Sense</u>														
<u>Organs</u>														
331	Other cerebral degenerations.	1	-	-	-	-	-	-	-	-	1	-		
332	Parkinson's disease.	-	1	-	-	-	-	-	-	-	-	1		
335	Anterior horn cell disease.	1	2	-	-	-	-	-	1	1	-	-		
359	Muscular dystrophies and other myopathies.	1	-	-	-	-	-	-	1	-	-	-		
Totals: GROUP VI		3	3	-	-	-	-	-	2	1	1	1		
GROUP VII														
<u>Diseases of the Circulatory System</u>														
394	Rheumatic disease, mitral valve.	-	2	-	-	-	-	-	-	-	-	2		
395	Rheumatic disease, aortic valve.	2	-	-	-	-	-	-	-	2	-	-		
396	Rheumatic disease, mitral and aortic valves.	-	1	-	-	-	-	-	-	-	-	1		
397	Rheumatic disease, endocardium, other.	-	1	-	-	-	-	-	1	-	-	-		
401	Essential hypertension.	-	1	-	-	-	-	-	-	-	-	1		
402	Hypertensive heart disease.	3	7	-	-	-	-	-	1	2	1	3		
410	Acute myocardial infarction.	41	27	-	-	-	-	1	14	2	11	16		
411	Other acute, subacute, cardiac ischaemia.	1	1	-	-	-	-	-	-	1	-	1		
414	Other chronic cardiac ischaemia.	25	27	-	-	-	-	-	2	-	11	20		
415	Acute pulmonary heart disease.	1	1	-	-	-	-	-	-	-	1	1		
416	Chronic pulmonary heart disease.	2	2	-	-	-	-	-	-	1	2	1		
424	Other disease of endocardium.	1	-	-	-	-	-	-	-	-	-	-		
425	Cardiomyopathy.	-	1	-	-	-	-	-	-	-	-	1		
428	Heart failure.	8	10	-	-	-	-	-	1	3	1	9		
429	Heart disease, ill-defined.	-	1	-	-	-	-	-	-	-	-	1		
431	Intracerebral haemorrhage.	2	11	-	-	-	-	-	-	2	3	7		
Carried forward		86	93	-	-	-	-	1	18	6	32	23	35	64

I.C.D. CODE NO	CAUSE OF DEATH	TOTAL		UNDER 1		1-4		5-14		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	GROUP VII Cont'd	86	93	-	-	-	-	-	-	-	-	1	-	18	6	32	23	35	64
	Brought forward																		
432	Intracranial haemorrhage, unspecified.	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2
434	Cerebral arterial occlusion.	4	10	-	-	-	-	-	-	-	-	-	-	-	1	4	1	-	8
435	Transient cerebral ischaemia.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
436	Cerebrovascular disease, acute, ill-defined.	5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	9
437	Cerebrovascular disease, other, ill-defined.	10	22	-	-	-	-	-	-	-	-	-	-	-	-	1	4	9	17
440	Atherosclerosis.	6	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	5	2
441	Aortic aneurysm.	2	3	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	2
442	Other aneurysm.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
446	Polyarteritis nodosa.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Totals: GROUP VII	118	144	-	-	-	-	-	-	-	-	1	-	20	9	42	31	55	104
	GROUP VIII																		
	Diseases of the Respiratory System																		
480	Viral pneumonia.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
481	Pneumococcal pneumonia.	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
485	Bronchopneumonia, unspecified.	13	12	-	-	-	-	-	-	-	-	-	-	-	-	2	2	11	10
486	Pneumonia, unspecified.	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3
487	Influenza.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
490	Bronchitis, unspecified.	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
491	Chronic bronchitis.	10	4	-	-	-	-	-	-	-	-	-	-	3	-	3	1	4	3
493	Asthma.	2	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	1
494	Bronchiectasis.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
507	Pneumonitis due to solids or liquids.	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
510	Empyema.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	Carried forward	32	26	-	1	-	-	-	-	-	-	-	1	6	-	6	4	20	20

I.C.D. CODE NO	CAUSE OF DEATH	TOTAL		UNDER 1		1-4		5-14		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	GROUP VIII Cont'd. Brought forward	32	26	-	1	-	-	-	-	-	-	-	1	6	-	6	4	20	20
514	Pulmonary congestion and hypostasis.	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4
516	Other alveolar pneumopathy.	2	3	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1	1
	Totals: GROUP VIII	35	34	-	1	-	-	-	-	-	-	-	2	6	-	7	6	22	25
	GROUP IX																		
	Diseases of the Digestive System																		
531	Gastric ulcer.	4	2	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1
532	Duodenal ulcer.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
560	Intestinal obstruction, without hernia.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
562	Intestinal diverticula.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
566	Anal and rectal abscess.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
571	Cirrhosis and chronic liver disease.	1	4	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	1
574	Cholelithiasis.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
578	Gastrointestinal haemorrhage.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Totals: GROUP IX	8	9	-	-	-	-	-	-	-	-	-	1	1	1	4	3	3	4
	GROUP X																		
	Diseases of the Genitourinary System																		
582	Chronic glomerulonephritis.	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
584	Acute renal failure.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
585	Chronic renal failure.	7	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	2
590	Infections of kidney.	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
593	Other disorders, kidney and ureter.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
614	Inflammation, female pelvic organs.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Totals: GROUP X	8	6	-	-	-	-	-	-	-	-	-	-	-	2	2	-	6	4

I.C.D. CODE NO	CAUSE OF DEATH	TOTAL		UNDER 1		1-4		5-14		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	GROUP XVI Cont'd.	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5
798	Sudden death, cause unknown.	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
799	Other unknown, ill-defined cause of death.	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
	Totals: GROUP XVI	7	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-	5	5
	GROUP XVII																		
	Injury and Poisoning																		
804	Multiple fractures including skull, face and other bones.	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
818	Ill-defined fracture of upper limb.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
820	Fracture of neck femur.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
869	Internal injury unspecified.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
966	Poisoning by anti-convulsants.	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
967	Poisoning by sedatives and hypnotics.	-	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
980	Toxic affect of alcohol.	4	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-
986	Toxic effect of carbon monoxide.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
994	Effect of other external causes.	2	3	-	-	-	-	-	-	-	-	2	1	-	1	-	1	-	-
996	Complications peculiar to specified procedures.	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	Totals: GROUP XVII	12	9	-	-	-	-	1	-	1	-	5	4	5	1	-	3	-	1

SUPPLEMENTARY CLASSIFICATION OF EXTERNAL CAUSES OF INJURY AND POISONING

(the deaths detailed below are included in Group XVII categorised under the NATURE OF THE INJURY)

I.C.D. Code No.	Cause of Death	Total		Under 1		1-4		5-14		15-24		25-44		45-64		65-74		75+	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	<u>GROUP EXVII</u> <u>External Causes of Injury and Poisoning</u>																		
* E823	Motor vehicle colliding with stationary object.	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
E860	Accidental poisoning by alcohol N.E.C.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
E876	Unspecified misadventure during medical care.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
* E878	Abnormal reaction to surgical operation.	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
E885	Fall on same level.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
E906	Other injury caused by animals.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
* E911	Suffocation by inhalation of food.	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
E919	Accidents caused by machinery.	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
E050	Suicidal poisoning by solids or liquids.	-	3	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-
E952	Suicidal poisoning, other gases and vapours.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
* E953	Suicide by hanging or suffocation.	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
E954	Suicide by drowning.	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
* E983	Suffocation undetermined if accidental.	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	TOTALS: GROUP EXVII	12	9	-	-	-	-	1	-	1	-	5	4	5	1	-	3	-	1

* Full description used in I.C.D.

E823 Other motor vehicle nontraffic accident involving collision with stationary object.

E878 Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation.

E911 Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation.

E953 Suicide and self inflicted injury by hanging, strangulation and suffocation.

E983 Hanging, strangulation or suffocation, undetermined whether accidentally or purposely inflicted.

